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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

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TELEGRAPH STATISTICS

For

1923

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Published by authority of the Hon. Thos. A. Low, M.P.,  
Minister of Trade and Commerce

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OTTAWA

1924







DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

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Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

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The attached summary tables include statistics for 1923 of the several telegraph and cable companies operating in Canada with comparable data for 1922.

Rents for leased lines, receivable and payable, are included with revenues and operating expenses respectively and revisions have been made in the 1922 data making them comparable with 1923.

Gross revenues were increased by \$398,522 and operating expenses by \$85,420. Pole line mileage showed an increase of 287 miles and wire mileage an increase of 8,439 miles, multiple systems increasing by 879 miles.

The number of employees showed a decrease although there was an increase in the number of operators and also in the number of telegraph offices.

The number of land messages transmitted increased from 15,271,410 in 1922 to 16,150,106. There was also an increase in the number of cablegrams from 1,182,053 to 1,302,224.

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# TELEGRAPH STATISTICS

## GROSS REVENUE

Table 1 Year Ended Dec. 31st

Company	1923	1922
Canadian National Telegraph Co.	\$3,414,335	\$3,220,975
Canadian Pacific Ry. Co.	4,546,311	4,508,619
Dominion Gov. Telegraph Service	289,253	290,131
Grand Trunk Pacific Telegraph Co.	158,663	148,187
Halifax & Bermudas Cable Co.	169,523	17,248
Marconi Wireless Telegraph Co.	1,028,015	1,059,048
N. American Telegraph Co.	322,915	313,442
Pacific Cable Board	285,957	272,542
Temiskaming & Northern Ont. Commission	71,785	65,733
Western Union Telegraph Co.	1,130,527	1,122,837
Total	11,417,284	11,018,762

## Source

Local Messages	\$6,133,901	\$6,013,133
Conjoint Messages	2,351,901	1,823,054
Press Reports	96,444	75,846
Market Reports	125,976	121,236
Cablegrams	1,404,310	1,183,272
Money Orders	95,031	84,978
Leased Wires	833,837	877,452
Miscellaneous	375,884	839,791
Total	11,417,284	11,018,762

## Table 2

## OPERATING EXPENSES

### Company

Canadian National Telegraph Co.	\$3,297,904	\$3,121,256 #
Canadian Pacific Ry. Co.	2,791,027	2,819,980
Dominion Gov. Telegraph Service	908,340	947,340
Grand Trunk Pacific Tel. Co.	182,467	187,314 #
Halifax & Bermudas Cable Co.	51,415	29,472
Marconi Wireless Telegraph Co.	1,072,104	1,042,023
North American Telegraph Co.	321,585	312,002
Pacific Cable Board	344,594	336,272
Temiskaming & Northern Ontl Commission	31,522	28,965
Western Union Telegraph Co.	930,387	1,021,801
Total	9,931,845	9,846,425 #

## Source

Salaries & Wages	\$6,092,413	\$6,307,838
Stationery and Printing	124,233	127,992
Line and Equipment	1,539,739	1,507,016
Offices and Buildings	472,191	478,394
Legal Expenses	2,958	2,073
Insurance	17,251	15,702
Commissions	285,719	374,235
Rent of Leased Lines	626,646	607,205 #
Miscellaneous	770,695	425,970 #
Total	9,931,845	9,846,425 #



# TELEGRAPH STATISTICS

## NET OPERATING REVENUE

Table 3

Year Ended Dec. 31st

Company	1923	1922
Canadian National Telegraph Co.	\$116,431	\$ 99,719 #
Canadian Pacific Ry. Co.	1,755,284	1,688,639
Dominion Gov. Telegraph Service	Dr. 619,587	Dr. 657,209
Grand Trunk Pacific Tel. Co.	Dr. 23,804	Dr. 39,127 #
Halifax & Bermudes Cable Co.	118,108	Dr. 12,224
Marconi Wireless Telegraph Co.	Dr. 44,089	17,025
North American Telegraph Co.	1,330	1,440
Pacific Cable Board	Dr. 53,637	Dr. 63,730
Témiskaming & Northern Ont. Commission	40,263	36,768
Western Union Telegraph Co.	200,140	101,036
Total	1,485,439	1,172,337 #

## POLE LINE MILEAGE

Table 4

Company

Canadian National Telegraph Co.	20,389	20,389
Canadian Pacific Ry. Co.	14,675	14,472
Dominion Govt. Telegraph Service	11,532	11,455
Grand Trunk Pacific Telegraph Co.	2,817	2,817
North American Telegraph Co.	-	-
Témiskaming & Northern Ont. Commission	332	332
Western Union Telegraph Co.	3,638	3,631
Total	53,383	53,096

## Province

Nova Scotia	3,283	3,284
New Brunswick	2,487	2,398
Prince Edward Island	274	274
Quebec	7,740	7,663
Ontario	13,460	13,453
Manitoba	4,444	4,444
Saskatchewan	7,244	7,219
Alberta	5,124	5,202
British Columbia	8,603	8,435
Yukon	710	710
Newfoundland	14	14
Total	53,383	53,096

# - Revised

## TELEGRAPH STATISTICS

## WIRE MILEAGE

Table 5  
CompanyYear Ended Dec. 31st  
1923 1922

Canadian National Telegraph Co.	92,545	89,539
Canadian Pacific Ry. Co.	128,008	125,331
Dominion Gov. Telegraph Service	15,253	14,392
Grand Trunk Pacific Telegraph Co.	14,185	14,185
North American Telegraph Co.	515	547
Temiskaming & Northern Ont. Commission	1,683	1,683
Western Union Telegraph Co.	18,593	16,666
Total	270,782	262,343

## Province

Nova Scotia	13,611	13,600
New Brunswick	14,041	13,856
Prince Edward Island	523	625
Quebec	31,560	32,298
Ontario	97,055	92,932
Manitoba	25,633	22,844
Saskatchewan	33,666	32,891
Alberta	26,274	25,921
British Columbia	27,695	26,652
Yukon	710	710
Newfoundland	14	14
Total	270,782	262,343

## Class

Galvanized	167,332	162,625
Copper-overhead	50,092	47,323
Copper-underground	1,790	1,744
Copper-submarine	709	666
Multiple	50,859	49,980
Total	270,782	262,343

"Multiple" wire used for the duplex and quadruplex systems. Each mile of wire is however, capable of serving the purpose of from two to four miles under ordinary conditions. The count is based on actual mileage of wire.

Table 6  
Company

## EMPLOYEES &amp; SALARIES

	No.	Amount	No.	Amount
Canadian National Telegraph Co.	4,018	\$1,886,684	3,732	\$1,716,462
Canadian Pacific Ry. Co.	1,921	2,278,173	2,026	2,266,418
Dominion Govt. Tel. Service	1,237	654,329	1,345	672,514
Grand Trunk Pacific Tel. Co.	171	104,549	195	96,366
Halifax & Bermudas Cable Co.	13	38,069	14	22,338
Marconi Wireless Tel. Co.	553	170,397	513	560,669
N. American Tel. Co.	26	13,077	26	13,181
Pacific Cable Board	128	235,732	124	236,516
Temiskaming & North. Ont. Comm.	18	15,423	14	12,941
Western Union Tel. Co.	480	695,980	511	710,433
Total	7,565	6,092,413	8,500	6,307,838

## Class

## Operators

Male	3,986	3,837
Female	507	495
Other Officers and Employees	4,072	4,160

Total	7,565	8,500
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## T E L E G R A P H   S T A T I S T I C S

## NUMBER OF OFFICES

Table 7

Company		Year Ended Dec. 31	
		1923	1922
Canadian National Telegraph Co.	(1)	1,709	(5) 1,566
Canadian Pacific Ry. Co.		1,457	1,458
Dominion Govt. Telegraph Service	(2)	1,342	(2) 1,298
Grand Trunk Pacific Tel. Co.		136	150
Halifax & Bermudas Cable Co.		1	11
Marconi Wireless Telegraph Co.	(4)	38	(3) 39
North American Telegraph Co.		21	21
Pacific Cable Board		6	6
Temiskaming & North.Ont. Commission		31	29
Western Union Tel. Co.		189	196
Total		4,930	4,762

- (1) Includes 35 outside of Canada.  
 (2) Includes 2 in Newfoundland  
 (3) Includes 14 in Newfoundland  
 (4) Includes 14 outside of Canada  
 (5) Includes 36 in United States.

## Province

Nova Scotia	317	322
New Brunswick	197	188
Prince Edward Island	2	4
Quebec	866	894
Ontario	1,212	1,081
Manitoba	308	294
Saskatchewan	617	601
Alberta	373	361
British Columbia	972	948
Yukon	17	17
Outside of Canada	49	52
Total	4,930	4,762

Table 8

	MESSAGES		1923
	No. of Land Messages	No. of Cablegrams	Amount of Money Transferred
Canadian National Telegraph Co.	9,290,916	280,958	\$3,839,417
Canadian Pacific Ry. Co.	5,138,850	603,921	975,479
Dominion Govt. Tel. Service	519,561	- -	- -
Grand Trunk Pacific Tel. Co.	190,426	- -	- -
Halifax & Bermudas Cable Co.	- -	109,269	- -
Marconi Wireless Tel. Co.	# 75,231	130,619	- -
North American Tel. Co.	/ 75,140	1,779	11,470
Temiskaming & North.Ont. Comm.	166,874	1,454	- -
Western Union Tel. Co.	693,108	174,224	499,986
Total	16,150,106	1,302,224	5,326,352
Totals for 1922	15,271,410	1,182,053	4,404,407

# Ship Messages

/ Includes 34,489 received





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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For

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Published by Authority of the Hon. Thos. A. Low, M. P.,  
Minister of Trade and Commerce.

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OTTAWA

1925





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH  
OTTAWA

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Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1 9 2 4

The attached tables include the statistics of telegraph and cable companies operating in Canada.

The total of gross revenues was 4 per cent below 1923 revenues and although operating expenses were reduced by \$320,225, net revenues were decreased by \$159,039. The extensions of telegraph lines were principally in Saskatchewan and British Columbia but additional wires were strung in practically all the provinces and considerable galvanized wire was replaced by copper wire both overhead and underground.

The decrease in the number of telegraph offices was all in the Dominion Government offices in British Columbia. Considerable experimental work has been done with wireless to ascertain the feasibility of it supplanting the long Government line through British Columbia to the Yukon but none of the offices on this line have so far been permanently closed on this account.

The increase in the number of offices in Prince Edward Island reported in the 1923 report as 2 is caused by the inclusion of 31 branch offices.

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1/3/25

# T E L E G R A P H   S T A T I S T I C S

<u>Table 1</u>	<u>GROSS REVENUE</u>	<u>Year ended Dec. 31st</u>	
<u>Company</u>		<u>1924</u>	<u>1923</u>
Canadian National Telegraphs			
Great North Western Telegraph Co.	\$3,510,963	\$3,414,335	
Grand Trunk Pacific Telegraph Co.	156,256	158,663	
Canadian Pacific Railway Co.	4,396,365	4,546,311	
Dominion Government Telegraph Service	284,328	289,253	
Halifax and Bermudas Cable Co.	172,830	169,527	
Marconi Wireless Telegraph Co.	669,516	1,028,015	
North American Telegraph Co.	292,134	322,915	
Pacific Cable Board	249,231	285,957	
Temiskaming & Northern Ont. Commission	77,020	71,785	
Western Union Telegraph Co.	1,121,377	1,130,527	
Total	10,930,020	11,417,284	

<u>Source</u>			
Local Messages	\$5,499,413	\$6,133,901	
Conjoint Messages	2,320,308	2,351,901	
Press Reports	119,968	96,444	
Market Reports	123,966	125,976	
Cablegrams	1,310,231	1,404,310	
Money Orders	108,246	95,031	
Leased Wires	777,972	853,837	
Miscellaneous	669,916	375,884	
Total	10,930,020	11,417,284	

<u>Table 2</u>	<u>OPERATING EXPENSES</u>		
<u>Company</u>			
Canadian National Telegraphs			
Great North Western Telegraph Co.	\$3,438,669	\$3,297,904	
Grand Trunk Pacific Telegraph Co.	182,322	182,467	
Canadian Pacific Railway Co.	2,783,957	2,791,027	
Dominion Government Telegraph Service	367,837	908,840	
Halifax and Bermudas Cable Co.	55,829	51,415	
Marconi Wireless Telegraph Co.	638,569	1,072,104	
North American Telegraph Co.	289,970	321,585	
Pacific Cable Board	335,859	344,594	
Temiskaming & Northern Ont. Commission	51,262	31,522	
Western Union Telegraph Co.	979,296	930,387	
Total	9,603,620	9,931,845	

<u>Source</u>			
Maintenance - Line and Equipment	\$1,015,354		
Buildings, offices, etc.	186,687		
Operation - Salaries of operators, agents, etc.	6,041,239		
Commissions	222,150		
Local office expenses, materials	448,100		
General - Salaries of general office clerks and officers	734,851		
Insurance	8,143		
Legal Expenses	274,442		
Miscellaneous	672,654		
Total	9,603,620	9,931,845	



# TELEGRAPH STATISTICS

Table 3  
Company

NET OPERATING REVENUES

Year ended Dec. 31st  
1924                      1925

Canadian National Telegraphs		
Great North Western Telegraph Co.	\$72,294	\$116,451
Grand Trunk Pacific Telegraph Co.	Dr. 26,066	Dr. 23,804
Canadian Pacific Railway Co.	1,612,408	1,755,234
Dominion Government Telegraph Service	Dr. 583,559	Dr. 619,587
Halifax and Bermudas Cable Co.	117,001	118,108
Marconi Wireless Telegraph Co.	30,947	Dr. 44,089
North American Telegraph Co.	2,164	1,350
Pacific Cable Board	Dr. 83,628	Dr. 58,637
Temiskaming & Northern Ont. Commission	45,758	40,263
Western Union Telegraph Co.	142,081	200,140
	<hr/>	
Total	1,326,400	1,485,439

Table 4

POLE LINE MILEAGE

Canadian National Telegraphs		
Great North Western Telegraph Co.	20,715	20,389
Grand Trunk Pacific Telegraph Co.	2,459	2,817
Canadian Pacific Railway Co.	15,125	14,675
Dominion Government Telegraph Service	11,210	11,532
Temiskaming & Northern Ont. Commission	413	352
Western Union Telegraph Co.	3,562	3,630
	<hr/>	
Total	53,484	53,383

Province

Prince Edward Island	280	274
Nova Scotia	3,282	3,285
New Brunswick	2,676	2,487
Quebec	7,722	7,740
Ontario	15,286	15,480
Manitoba	4,382	4,444
Saskatchewan	7,402	7,244
Alberta	5,112	5,124
British Columbia	8,676	8,603
Yukon	650	710
Newfoundland	14	14
	<hr/>	
Total	53,484	53,383

# T E L E G R A P H   S T A T I S T I C S

Table 5

## WIRE MILEAGE

Year ended Dec. 31st  
1924                      1923

Company		
Canadian National Telegraphs		
Great North Western Telegraph Co.	95,574	92,545
Grand Trunk Pacific Telegraph Co.	13,963	14,185
Canadian Pacific Railway Co.	171,344	128,008
Dominion Government Telegraph Service	14,162	15,253
North American Telegraph Co.	515	515
Temiskaming & Northern Ont. Commission	1,817	1,683
Western Union Telegraph Co.	18,738	18,593

Total

316,113                      270,782

## Province

Prince Edward Island	523	523
Nova Scotia	15,525	13,611
New Brunswick	15,817	14,041
Quebec	34,066	31,560
Ontario	117,088	97,055
Manitoba	32,800	25,633
Saskatchewan	40,691	33,666
Alberta	28,717	26,274
British Columbia	30,233	27,695
Yukon	653	710
Newfoundland	--	14

Total

316,113                      270,782

## Class

Galvanized	145,560	167,332
Copper - overhead	116,615	50,092
Copper - underground	2,924	1,790
Copper - submarine	778	709
Multiple	50,238	50,859

Total

316,113                      270,782

Table 6

## EMPLOYEES & SALARIES

Company

1924                      1923  
No.      Amount      No.      Amount

Canadian National Telegraphs				
Great North Western Telegraph Co.	4,215	2,294,870	4,018	1,886,680
Grand Trunk Pacific Telegraph Co.	189	85,162	171	104,541
Canadian Pacific Railway Co.	2,229	2,621,317	1,921	2,278,172
Dominion Govt. Telegraph Service	1,201	657,524	1,237	654,329
Halifax and Bermudas Cable Co.	18	25,031	13	38,069
Marconi Wireless Telegraph Co.	295	292,442	263	170,397
North American Telegraph Co.	36	13,243	26	13,077
Pacific Cable Board	145	238,754	128	235,732
Temiskaming & Northern Ont. Comm.	21	16,797	18	15,423
Western Union Telegraph Co.	560	770,868	480	695,080

Total    8,909    7,016,008    8,275    6,092,413

## Class

### Operators

Male                      4,238                      3,986  
Female                      567                      507

Other officers & employees                      4,104                      3,782

Total    8,909                      8,275

# T E L E G R A P H   S T A T I S T I C S

Table 7  
Company

NUMBER OF OFFICES

Year ended Dec. 31st  
1924                      1923

Canadian National Telegraphs			
Great North Western Telegraph Co.	(5)	1,765	(1) 1,709
Grand Trunk Pacific Telegraph Co.		136	136
Canadian Pacific Railway Co.	(4)	1,527	1,457
Dominion Government Telegraph Service	(2)	1,192	(2) 1,342
Halifax & Bermudas Cable Co.		1	1
Marconi Wireless Telegraph Co.	(6)	38	(3) 38
North American Telegraph Co.		21	21
Pacific Cable Board		6	6
Temiskaming & Northern Ont. Commission		34	31
Western Union Telegraph Co.		225	220
Total		4,945	4,961

- (1) Includes 35 outside of Canada  
 (2)   "      2 in Newfoundland  
 (3)   "     14 outside of Canada  
 (4)   "     17   "   "   "  
 (5)   "     34   "   "   "  
 (6)   "     14   "   "   "

Province

Prince Edward Island	33	33
Nova Scotia	320	317
New Brunswick	204	197
Quebec	862	866
Ontario	1,235	1,212
Manitoba	332	308
Saskatchewan	644	617
Alberta	358	373
British Columbia	874	972
Yukon	16	17
Outside of Canada	67	49
Total	4,945	4,961

Table 8

MESSAGES

1924

	No. of Land Messages		No. of Cable-grams		Amount of Money Transferred	
	Sent	Rec'd	Sent	Rec'd	For'd.	Rec'd
Can. National						
G.N.W.	4,228,402	4,371,630	181,674	137,593	1,803,237	2,691,634
G.T. Pac.	162,033	154,306	-	-	-	-
Can. Pac. Ry.	4,975,171	-	342,453	336,317	752,711	746,215
Dom. Govt.	526,681	-	-	-	-	-
Halifax & Bermudas	-	-	56,138	50,484	-	-
Marconi Wireless	24,281	44,030	75,955	38,929	-	-
North American	39,124	32,305	766	993	5,575	6,748
Pac. Cable Bd.	-	-	18,470	17,628	-	-
Temiskaming & North. Ont.	127,808	45,310	1,124	776	-	-
West. Union	729,730	-	189,594	434,168	421,959	-
Total	10,813,230	4,647,581	866,174	4924,408	2,983,482	3,444,588

Totals for 1923                      16,150,106                      1,302,224                      \$ 5,326,352

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TELEGRAPH STATISTICS

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1925

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OTTAWA

1926





DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

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Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1925

The attached tables include statistics of telegraph and cable companies operating in Canada. The data of cable companies and foreign telegraph companies are only those of plants located in Canada. Data for the Canadian Pacific, Great North Western Telegraph and Dominion Government systems include their lines and operations in the United States and Newfoundland.

A revision was made in the 1925 schedule for wire mileage to eliminate duplications and 1924 data have been corrected. The schedule for messages was also revised to include only telegrams originating in Canada and telegrams received from the United States for forwarding. Cablegrams which are forwarded over land wires are considered only as cablegrams received. Table 9 shows the messages originating in each province.

Gross revenues of all companies show an increase over 1924 of \$590,302, and net revenues, an increase of \$425,876. The decrease of 2,019 in the pole line mileage was largely the result of transferring wires from highways to poles on railway rights of way, and removal of some lines by the Dominion Government system. Telegrams sent show an increase of 623,434, or 5.8 per cent, and cablegrams sent increased 57,912 or 6.7 per cent.

TELEGRAPH STATISTICS

Table 1  
Company

GROSS REVENUE

Year ended Dec. 31st  
1925 1924

Canadian National Telegraphs		
Great North Western Telegraph Co.	\$3,340,795	\$3,510,963
Grand Trunk Pacific " "	171,035	156,256
Canadian Pacific Railway Co.	4,603,935	4,396,365
Dominion Government Telegraph Service	294,735	284,328
Halifax & Bermudas Cable Co.	162,159	172,830
Marconi Wireless Telegraph Co.	653,308	669,516
North American Telegraph Co.	292,786	292,134
Pacific Cable Board	261,868	249,231
Temiskaming & Northern Ontario Commission	71,856	77,020
Western Union Telegraph Co.	1,064,847	1,121,377
Total	11,520,322	10,930,020

Source

Local Messages	\$5,789,755	5,499,413
Conjoint Messages	2,398,600	2,320,308
Press Reports	97,048	119,968
Market Reports	170,385	123,966
Cablegrams	1,330,782	1,310,231
Money Orders	117,425	108,246
Leased Wires	945,667	777,972
Miscellaneous	670,660	669,916
Total	11,520,322	10,930,020

Table 2  
Company

OPERATING EXPENSES

Canadian National Telegraphs		
Great North Western Telegraph Co.	\$3,409,891	3,438,669
Grand Trunk Pacific Telegraph Co.	173,757	182,322
Canadian Pacific Railway Co.	2,831,311	2,783,957
Dominion Government Telegraph Service	823,185	867,387
Halifax & Bermudas Cable Board	60,917	55,829
Marconi Wireless Telegraph Co.	737,983	638,569
North American Telegraph Co.	286,535	289,970
Pacific Cable Board	437,609	335,859
Temiskaming & North Ont. Commission	32,768	31,262
Western Union Telegraph Co.	969,090	979,296
Total	9,768,046	9,603,620

Source

Maintenance - Line and Equipment	\$1,153,340	1,015,354
Buildings, offices, etc.	57,121	186,687
Operation - Salaries of Operators, agents, etc.	6,078,124	6,041,239
Commissions	246,822	222,150
Local office expenses, materials	540,913	448,100
General - Salaries of General Office clerks and officers	875,915	734,851
Insurance	15,654	8,143
Legal Expenses	5,043	528
Miscellaneous	795,114	946,563
Total	9,768,046	9,603,620



T E L E G R A P H S T A T I S T I C S

Table 3	NET OPERATING REVENUES		Year ended Dec. 31	
Company		1925		1924
Canadian National Telegraphs				
Great North Western Telegraph Co.		530,904		72,294
Grand Trunk Pacific	"			
	Dr.	2,722	Dr.	26,066
Canadian Pacific Railway Co.		1,775,624		1,612,408
Dominion Govt. Telegraph Service	Dr.	533,450	Dr.	533,559
Halifax & Bermudas Cable Co.		101,242		117,001
Marconi Wireless Telegraph Co.	Dr.	84,677		30,947
North American Telegraph Co.		6,251		2,164
Pacific Cable Board	Dr.	175,741	Dr.	36,628
Temiskaming & Northern Ont. Commission		39,088		45,758
Western Union Telegraph Co.		95,757		142,021
Total		1,752,276		1,526,400

<u>Table 4.</u>	<u>POLE LINE MILEAGE</u>		
<u>Company</u>			
Canadian National Telegraphs			
Great North Western Tel. Co.	20,969	*	21,745
Grand Trunk Pacific	2,460		2,459
Canadian Pacific Railway Co.	15,410	*	15,353
Dominion Government Tel. Serv.	10,681		11,210
Temiskaming & North. Ont. Commission	424		413
Western Union Telegraph Co.	2,779		3,562
	<hr/>		
Total	52,723		54,742

<u>Province</u>					
Prince Edward Island			281		280
Nova Scotia			3,231		3,282
New Brunswick			2,779		2,676
Quebec			6,799		7,422
Ontario			11,723		13,288
Manitoba			4,318		4,382
Saskatchewan			6,901		7,402
Alberta			5,714		5,112
British Columbia			8,758		8,676
Yukon			650		650
Newfoundland			14		14
U. S. A.			1,555		1,558
Total			52,723		54,742

\* Revised figures.

# TELEGRAPH STATISTICS

Table 5

## WIRE MILEAGE

Year ended Dec. 31st

Company

1925

1924

Canadian National Telegraphs		
Great North Western Telegraph Co.	110,806	95,574
Grand Trunk Pacific " "	13,963	13,963
Canadian Pacific Railway Company	x134,619	133,849
Dominion Government Telegraph Service	13,913	14,176
North American Telegraph Company	454	515
Temiskaming & North. Ont. Comm'n.	1,935	1,817
Western Union Telegraph Co.	18,431	18,738
Total	284,121	268,632

## Province

Prince Edward Island	889	523
Nova Scotia	14,411	14,321
New Brunswick	15,107	14,295
Quebec	32,754	31,792
Ontario	102,666	92,594
Manitoba	25,950	25,742
Saskatchewan	34,411	35,039
Alberta	27,782	25,064
British Columbia	26,708	25,852
Yukon	653	653
Newfoundland	14	14
United States	2,776	2,743
Total	284,121	268,632

## Class

Iron - overhead	165,292	145,274
Copper - " "	74,469	
" " in cables	40,693	119,356
" Underground	2,839	2,924
" Submarine	778	778
Total	284,121	268,632

x Includes 51,251 miles of Multiple Wires.  
 / " 50,238 " " " "

Table 6

## EMPLOYEES AND SALARIES

1925

1924

	No.	Amount	No.	Amount
		\$		\$
Canadian National Telegraphs				
Great North Western " Co.	4,274	2,850,295	4,215	2,294,870
Grand Trunk Pacific " Co.	139	86,345	189	85,162
Canadian Pacific Railway Co.	2,251	2,779,106	2,239	2,621,317
Dominion Govt. Telegraph Service	1,186	573,534	1,201	657,524
Halifax & Bermudas Cable Co.	18	21,100	18	25,031
Marconi Wireless Telegraph Co.	303	334,663	295	292,442
North American Telegraph Co.	36	14,482	36	13,243
Pacific Cable Board	143	242,821	145	238,754
Temiskaming & North. Ont. Comm.	20	17,055	21	16,797
Western Union Telegraph Co.	530	772,229	530	770,868
Total	8,965	7,691,690	8,909	7,016,008

## Class

Operators		
Male	4,364	4,238
Female	656	567
Other Officers and Employees	3,945	4,104
Total	8,965	8,909



# TELEGRAPH STATISTICS

Table 7.

Company	NUMBER OF OFFICES		Year ended Dec. 31st	
			1925	1924
Canadian National Railways				
Great Northern Western Telegraph Co.	(1)	1,766	(5)	1,765
Grand Trunk Pacific Telegraph Co.		136		136
Canadian Pacific Railway Co.	(2)	1,407	(6)	1,527
Dominion Government Telegraph Service	(3)	1,052	(3)	1,192
Halifax & Bermudas Cable Co.		1		1
Marconi Wireless Telegraph Co.	(4)	33	(7)	38
North American " "		21		21
Pacific Cable Board		6		6
Temiskaming & Northern Ont. Commission		35		34
Western Union Telegraph Company		207		225
Total		4,664		4,945

(1)	Includes	33	outside of Canada
(2)	"	18	" " "
(3)	"	2	in Newfoundland
(4)	"	13	outside of Canada
(5)	"	34	" " "
(6)	"	17	" " "
(7)	"	14	" " "

## Province

Prince Edward Island	33	33
Nova Scotia	254	320
New Brunswick	168	204
Quebec	820	862
Ontario	1,140	1,235
Manitoba	335	332
Saskatchewan	608	644
Alberta	347	358
British Columbia	876	874
Yukon	17	16
Outside of Canada	66	67
Total	4,664	4,945

Table 8.

Table 8.

MESSAGES

1925

Company	No. of Land Messages		No. of Cablegrams		Money Transfers
	Sent	Rec'd from U.S.A.	Sent	Rec-eived	Forwarded Including Money Trans. Rec'd from Foreign Cor.
Canadian National Railways					\$
Gr. North West.Tel.Co.	4,812,019	2,072,581	207,310	171,964	5,005,954
Grand Trunk Pac. " "	180,285	-	-	-	-
Canadian Pacific Railway Co.	5,029,797	642,056	352,024	340,344	1,143,276
Dom. Govt. Tel.Service	499,358	-	-	-	-
Halifax & Berm.Cable Co.	-	-	57,158	61,970	-
Marconi Wireless Tel. Co.	13,493	-	84,551	38,793	-
North American " "	38,648	32,687	752	1,024	11,565
Pacific Cable Board	-	-	21,229	18,325	-
Temiskaming & North.Ont.Com.	115,920	-	1,040*	729	-
Western Union Tel. Co.	747,144	-	200,022	4,546,790	519,800
Total	11,436,664	2,747,324	924,086	5,179,939	\$6,680,595
Totals for 1924	10,813,230	4,647,581	866,174	4,924,408	\$6,428,080

\* Cablegrams relayed

/ Includes total telegrams received.



- 2 -

T E L E G R A P H S T A T I S T I C S

Table 3

TELEGRAMS SENT  
(By Provinces)

Province	Number of Telegrams sent, 1925
Prince Edward Island	60,300
Nova Scotia	616,805
New Brunswick	436,399
Quebec	2,111,275
Ontario	3,569,262
Manitoba	1,414,168
Saskatchewan	936,930
Alberta	362,543
British Columbia	1,291,020
Yukon Territory	30,449
Outside of Canada <sup>x</sup>	7,513
Total	11,436,664

<sup>x</sup> On Canadian lines in the United States.





56-701

CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For

1926

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Published by authority of the Hon. James Malcolm, M. P.,  
Minister of Trade and Commerce

\*\*\*

OTTAWA

1927





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH  
OTTAWA

---

Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1926

The attached tables include statistics of telegraph and cable companies operating in Canada. The data of cable companies and foreign telegraph companies are only those of plants located in Canada. Data for the Canadian Pacific, Great North Western Telegraph and Dominion Government systems include their lines and operations in the United States and Newfoundland. The telegraph lines of the Canadian National Railways in the United States are not included and have been deducted from the 1925 data. Marconigrams which are turned over to the telegraph companies for delivery are counted as land messages by the telegraph companies. These messages of this wireless company to and from ships and stations are shown by themselves at the foot of **table 9**. Previously only the private messages sent were reported. Service messages are messages that are re-transmitted or passed from station to station until they can be delivered to the ship. Cablegrams are not counted as telegrams when forwarded over land wires.

Gross revenues of the companies as a whole showed an increase during the year of \$623,066, or 5.4 per cent and net operating revenues were greater by \$138,226.

The number of telegrams sent increased by 762,404, or 6.6 per cent, and the cablegrams sent increased by 95,542, or 10 per cent while the cablegrams received, exclusive of those received by the Western Union and relayed to the United States, increased by 81,555, or 13 per cent. The money transferred by telegraph amounted to \$7,790,127, which was an increase of \$1,109,532, or 16 per cent.



## T E L E G R A P H S T A T I S T I C S

Table 1

## GROSS REVENUE

Year ended Dec. 31st  
1926 1925

Company	1926	1925
Canadian National Telegraphs-		
Great North Western Telegraph Co.	\$4,330,324	\$3,940,795
Grand Trunk Pacific       "       "	153,887	171,035
Canadian Pacific Railway Co.	4,704,362	4,606,935
Dominion Govt. Telegraph Service	294,181	294,735
Halifax & Bermudas Cable Co.	197,007	162,159
Marconi Wireless Telegraph Co.	708,017	653,306
North American               "       "	359,085	292,786
Pacific Cable Board	251,900	261,868
Temiskaming & Northern Ontario Commission	81,375	71,856
Western Union Telegraph Co.	1,063,250	1,064,847
	<hr/>	<hr/>
Total	12,143,388	11,520,322
Source		
Local Messages	\$6,022,307	\$5,789,755
Conjoint Messages	2,461,330	2,398,600
Press Reports	109,529	97,048
Market Reports	221,709	170,385
Cablegrams	1,426,624	1,330,782
Money Orders	131,422	117,425
Leased Wires	1,046,921	945,667
Miscellaneous	723,546	670,660
	<hr/>	<hr/>
Total	12,143,388	11,520,322

Table 2

## OPERATING EXPENSES

Company

Canadian National Telegraphs-		
Great North Western Telegraph Co.	\$3,695,105	\$3,409,891
Grand Trunk Pacific       "       "	161,524	173,757
Canadian Pacific Railway Co.	2,940,840	2,831,311
Dominion Govt. Telegraph Service	768,286	828,185
Halifax & Bermudas Cable Board	56,076	60,917
Marconi Wireless Telegraph Co.	676,957	X 651,137
North American Telegraph Co.	350,658	286,535
Pacific Cable Board	527,724	437,609
Temiskaming & Northern Ontario Commission	35,053	32,768
Western Union Telegraph Co.	953,817	969,090
	<hr/>	<hr/>
Total	10,166,040	9,681,200
Source		
Maintenance - Line and equipment	\$1,340,343	\$1,153,340
Buildings, Offices, etc.	413,806	57,121
Operation - Salaries of Operators, Agents, etc.	6,106,724	6,078,124
Commissions	250,681	246,822
Local Office Expenses, Materials	473,073	X 454,067
General - Salaries of General Office Clerks and officers	967,142	875,915
Insurance	14,736	15,654
Legal Expenses	1,283	5,043
Miscellaneous	598,252	795,114
	<hr/>	<hr/>
Total	10,166,040	9,681,200

X Revised Figures.





## T E L E G R A P H   S T A T I S T I C S

## NET OPERATING REVENUES

Table 3  
CompanyYear ended Dec. 31st  
1926                      1925

Canadian National Telegraphs-		
Great North Western Telegraph Co.	\$635,219	\$530,904
Grand Trunk Pacific       "       "	Dr. 7,637	Dr. 2,722
Canadian Pacific Railway Co.	1,763,522	1,775,624
Dominion Govt. Telegraph Service	Dr. 474,105	Dr. 533,450
Halifax & Bermudas Cable Co.	140,931	101,242
Marconi Wireless Telegraph Co.	31,060	X 2,169
North American	8,427	6,251
Pacific Cable Board	Dr. 275,824	Dr. 175,741
Temiskaming & Northern Ontario Commission	46,322	39,088
Western Union Telegraph Co.	109,433	95,757
Total	1,977,348	1,839,122

Table 4

## INCOME ACCOUNT

Company

	Additions to Income		Gross Corporate Income	
	1926	1925	1926	1925
Canadian National Telegraphs-				
Great North West. Telegraph Co.	\$ 30,478	\$56,564	\$665,697	\$587,468
Grand Trunk Pacific       "       "	902	2,403	Dr. 6,735	Dr. 319
Canadian Pacific Railway Co.	---	---	1,763,522	1,775,624
Dominion Govt. Telegraph Service	6,461	11,839	Dr. 467,644	Dr. 521,611
Halifax & Bermudas Cable Co.	24,958	24,523	165,889	125,765
Marconi Wireless Telegraph Co.	574,176	748,234	605,236	750,403
North American Telegraph Co.	---	---	8,427	6,251
Pacific Cable Board	---	---	Dr. 275,824	Dr. 175,741
Temiskaming & Northern Ontario Comm'n.	---	---	46,322	39,088
Western Union Telegraph Co.	---	---	109,433	95,757
Total	636,975	843,563	2,614,323	2,682,685
	Deductions from Income		Net Corporate Income	
	1926	1925	1926	1925
Canadian National Telegraphs-				
Great North West. Telegraph Co.	\$424,447	\$411,407	\$241,250	\$176,061
Grand Trunk Pacific       "       "	15,716	12,939	Dr. 22,451	Dr. 13,258
Canadian Pacific Railway Co.	59,500	46,039	1,704,022	1,729,585
Dominion Govt. Telegraph Service	---	---	Dr. 467,644	Dr. 521,611
Halifax & Bermudas Cable Co.	55,363	95,831	110,526	29,934
Marconi Wireless Telegraph Co.	580,872	739,329	24,364	11,074
North American Telegraph Co.	6,251	4,604	2,176	1,647
Pacific Cable Board	---	---	Dr. 275,824	Dr. 175,741
Temiskaming & Northern Ontario Comm'n.	---	---	46,322	39,088
Western Union Telegraph Co.	23,876	22,578	85,557	73,179
Total	1,166,025	1,332,727	1,448,298	1,349,958

X Revised Figure





## T E L E G R A P H S T A T I S T I C S

Table 5

POLE LINE MILEAGE

Company	Year Ended Dec. 31st	
	1926	1925
Canadian National Telegraphs-		
Great North Western Telegraph Co.	20,198	X 19,972
Grand Trunk Pacific       "       "	2,833	2,460
Canadian Pacific Railway Co.	16,035	15,410
Dominion Govt. Telegraph Service	10,722	10,681
Temiskaming & Northern Ontario Commission	422	424
Western Union Telegraph Co.	2,751	2,779
	<hr/>	
Total	52,961	X 51,726
<hr/>		
Province		
Prince Edward Island	283	281
Nova Scotia	3,299	3,231
New Brunswick	2,887	2,779
Quebec	7,058	6,799
Ontario	11,746	11,723
Manitoba	4,252	4,318
Saskatchewan	7,922	6,901
Alberta	5,298	5,714
British Columbia	8,912	8,758
Yukon	650	650
Newfoundland	14	14
United States	640	558
	<hr/>	
Total	52,961	51,726

Table 6

WIRE MILEAGE

Company		
Canadian National Telegraphs-		
Great North Western Telegraph Co.	113,603	110,806
Grand Trunk Pacific       "       "	15,439	13,963
Canadian Pacific Railway Co.	# 141,924	/ 124,619
Dominion Govt. Telegraph Service.	14,020	13,913
North American Telegraph Co.	445	454
Temiskaming & Northern Ontario Commission	2,009	1,935
Western Union Telegraph Co.	18,493	18,431
	<hr/>	
Total	305,933	284,121
<hr/>		
Province		
Prince Edward Island	833	889
Nova Scotia	14,402	14,411
New Brunswick	15,115	15,107
Quebec	35,356	32,754
Ontario	109,202	102,666
Manitoba	26,997	25,950
Saskatchewan	37,951	34,411
Alberta	28,235	27,782
British Columbia	32,244	26,708
Yukon	650	653
Newfoundland	14	14
United States	4,934	2,776
	<hr/>	
Total	305,933	284,121

Class

Iron - Overhead	169,042	165,292
Copper-       "	130,380	113,760
"       "       in cables	2,202	1,402
"       Underground	3,448	2,889
"       Submarine	861	778
	<hr/>	
Total	305,933	284,121

X Revised excluding United States lines of Canadian National

# Includes 52,740 miles of multiple wires.

/ Includes 51,251 miles of multiple wires.



## T E L E G R A P H S T A T I S T I C S

Table 7

## EMPLOYEES AND SALARIES

Company	Year Ended Dec. 31st			
	1926		1925	
	No.	Amount	No.	Amount
Canadian National Telegraphs-				
Great North West. Telegraph Co.	X 2,732	\$3,405,972	X 2,533	\$2,850,295
Grand Trunk Pacific     "     "	X     35	63,011	189	86,345
Canadian Pacific Railway Co.	X 1,802	2,248,114	2,261	2,779,106
Dominion Govt. Telegraph Service	1,146	510,572	1,186	573,534
Halifax & Bermudas Cable Board	20	23,147	18	21,100
Marconi Wireless Telegraph Co.	297	329,004	308	334,663
North American Telegraph Co.	18	13,149	36	14,482
Pacific Cable Board	146	264,382	143	242,881
Temiskaming & Northern Ontario Comm'n.	20	17,262	20	17,055
Western Union Telegraph Co.	539	765,506	530	772,229
<b>Total</b>	<b>6,755</b>	<b>7,640,119</b>	<b>7,224</b>	<b>7,691,690</b>
<b>Class</b>				
Operators-				
Male	2,322		2,623	
Female	795		656	
Other Officers & Employees	3,638		3,945	
<b>Total</b>	<b>6,755</b>		<b>7,224</b>	

X- Excluding Railway Employees

Table 8

## NUMBER OF OFFICES

Company	Year Ended Dec. 31st	
	1926	1925
Canadian National Telegraphs-		
Great North West. Telegraph Co.	(1) 1,782	(5) 1,766
Grand Trunk Pacific     "     "	140	136
Canadian Pacific Railway Co.	(2) 1,510	(6) 1,407
Dominion Govt. Telegraph Service	(3) 1,066	(3) 1,052
Halifax & Bermudas Cable Co.	1	1
Marconi Wireless Telegraph Co.	(4) 34	(7) 33
North American Telegraph Co.	19	21
Pacific Cable Board	6	6
Temiskaming & Northern Ontario Comm'n.	36	35
Western Union Telegraph Co.	207	207
<b>Total</b>	<b>4,801</b>	<b>4,664</b>

- (1) Includes 32 outside of Canada  
 (2) " 15 " " "  
 (3) " 2 in Newfoundland  
 (4) " 12 outside of Canada  
 (5) " 33 " " "  
 (6) " 18 " " "  
 (7) " 13 " " "

## Provinces

Prince Edward Island	33	33
Nova Scotia	246	254
New Brunswick	170	168
Quebec	813	820
Ontario	1,239	1,140
Manitoba	324	335
Saskatchewan	655	608
Alberta	344	347
British Columbia	901	876
Yukon	15	17
Outside of Canada	61	66
<b>Total</b>	<b>4,801</b>	<b>4,664</b>





# T E L E G R A P H S T A T I S T I C S

Table 9

## MESSAGES

Year Ended Dec. 31st

Province	Telegrams Sent (By Provinces)	1926	1925
Prince Edward Island		63,434	60,300
Nova Scotia		639,811	616,805
New Brunswick		457,033	436,399
Quebec		2,281,268	2,111,275
Ontario		4,035,420	3,569,262
Manitoba		1,356,742	1,414,168
Saskatchewan		887,543	986,930
Alberta		909,542	862,543
British Columbia		1,480,414	1,291,020
Yukon		81,966	80,449
Outside of Canada #		5,895	7,513
Total		12,199,068	11,436,664

## MESSAGES SENT AND RECEIVED

## Land Messages

Company	1926		1925	
	: Sent	: Received	: Sent	: Received
	: from U.S.A.	: from U.S.A.	: from U.S.A.	: from U.S.A.
Canadian National Telegraphs-				
Great North West. Telegraph Co.	5,368,395	2,000,000	4,812,019	2,072,581
Grand Trunk Pacific " "	169,906	---	180,285	---
Canadian Pacific Railway Co.	5,162,551	701,017	5,029,797	642,056
Dominion Govt. Telegraph Service	522,796	---	499,358	---
Marconi Wireless Telegraph Co.	23,234	---	13,493	---
North American Telegraph Co.	42,228	34,598	38,648	32,687
Temiskaming & Northern Ontario Comm'n.	130,770	---	115,920	---
Western Union Telegraph Co.	779,188	---	747,144	---
Total	12,199,068	2,735,615	11,436,664	2,747,324

## NUMBER OF CABLEGRAMS

Company	1926		1925	
	Sent	Received	Sent	Received
Canadian National Telegraphs-				
Great North West. Telegraph Co.	232,844	193,696	207,310	171,964
Grand Trunk Pacific " "	---	---	---	---
Canadian Pacific Railway	368,151	357,023	352,024	340,344
Dominion Govt. Telegraph Service	---	---	---	---
Halifax & Bermudas Cable Co.	75,939	101,470	57,158	61,970
Marconi Wireless Telegraph Co.	92,383	38,402	84,551	38,793
North American	748	1,126	752	1,024
Pacific Cable Board	22,753	21,099	21,229	18,325
Temiskaming & Northern Ontario Comm'n.	1,190	888	1,040	729
Western Union Telegraph Co.	225,620	14,688,341	200,022	14,546,790
Total	1,019,628	5,402,045	924,086	5,179,939

#- On Canadian Lines in U.S.A.

/ Cablegrams relayed.





7

T E L E G R A P H S T A T I S T I C S

MARCONI WIRELESS MESSAGES

Table 9- Cont'd.

		Year ended Dec. 31st		
		1926		
		Nova Scotia	Quebec	Ontario
Private messages sent to ships and stations X		8,356	9,787	5,091
Private "	received from ships and stations	32,045	14,739	15,473
Service "	sent to ships and stations	3,075	4,651	2,631
Service "	received from ships and stations	4,001	4,336	3,785
Total		47,477	33,513	26,980

X Included in totals of telegrams.

MONEY TRANSFERS FORWARDED

Table 10 Including those Received from Foreign Connections  
Company

		Year ended Dec. 31st	
		1926	1925
Canadian National Telegraphs-			
Great North Western Telegraph Co.		\$5,873,057	\$5,005,594
Grand Trunk Pacific "	" "	9,850	---
Canadian Pacific Railway Co.		1,300,120	1,143,276
Dominion Govt. Telegraph Service		---	---
Halifax & Bermudas Cable Co.		---	---
Marconi Wireless Telegraph Co.		---	---
North American Telegraph Co.		15,842	11,565
Pacific Cable Board		---	---
Temiskaming & Northern Ontario Commission		---	---
Western Union Telegraph Co.		591,258	519,800
Total		7,790,127	6,680,595

7/6/27/GA



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C A N A D A

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For

1928

Published by Authority of the Hon. James Malcolm, M.P.,  
Minister of Trade and Commerce

\* \* \*

OTTAWA

1929





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH  
OTTAWA

---

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1928

Gross revenues of all telegraph and cable systems operating in Canada during 1928 amounted to \$14,740,641 which was an increase over the 1927 revenues of \$1,750,092, or 13.5 per cent, and operating expenses amounted to \$11,647,063, or \$1,046,651 in excess of the 1927 expenses. All systems except the Dominion Telegraph and the Pacific Cable Board, which operated at a loss, showed increases in both gross and net revenues, the total net revenues being \$3,093,578 as against \$2,390,137 in 1927.

Pole line mileage amounted to 53,777 miles which was 1,046 miles more than for 1927, and wire mileage increased by 14,432 miles, amounting to 337,971 miles at the end of the year. There was also an increasing use of metallic circuits for carrier systems which greatly increased the capacities of the systems without corresponding increases in wire mileage.

The total number of employees was 7,639, or an increase of 401 over the 1927 total, and salaries and wages for the year amounted to \$8,603,986 excluding \$396,982 commissions paid by the Canadian National and Canadian Pacific systems to operators not considered employees of their commercial telegraph systems.

The number of telegraph offices in Canada increased by 24 during the year, or to 4,909. These included 62 offices of Canadian companies located in other countries, principally the United States.

Telegrams transmitted, including messages originated at Canadian stations and messages received from United States lines destined to Canadian stations, amounted to 16,862,954 which was 1,232,047 more than were transmitted in 1927. The total number of cablegrams sent was 1,285,548 and cablegrams received numbered 6,861,195, which included 5,904,565 cablegrams relayed to the United States by the Western Union Telegraph Company at their Carso station. Excluding these relays, the number of cablegrams received amounted to 956,630. For the Marconi Wireless System only messages from land to land were included with cablegrams. Wireless messages to and from ships and stations were included with telegrams. Wireless messages originating at stations of other companies and forwarded over their wires to Marconi stations were included by those companies with cablegrams and the statistics contain duplications to that extent. The various types of commercial wireless messages transmitted by the Marconi System are shown separately, but these do not include the service messages to and from ships and stations.

During the year \$9,776,090 was transferred by telegraph as against \$9,241,864 in 1927.

The telegraph and cable companies reported new construction valued at \$1,914,737 and alterations and repair work costing \$1,288,619, or a total expenditure for construction of \$3,203,356 for the year.

Poles used numbered 57,288 and cost \$253,413. Materials used included 318.7 tons of galvanized wire valued at \$32,455; 1,589.8 tons of copper wire valued at \$556,085, and batteries and other materials valued at \$1,499,594.



TELEGRAPH STATISTICS

Table 1

Company

GROSS REVENUE

Year ended Dec. 31st  
1928 1927

Canadian National Telegraphs	\$ 5,607,295	\$ 4,886,204
Canadian Pacific Railway Company	5,668,258	4,945,359
Dominion Government Telegraph Service	298,663	309,146
Halifax and Bermudas Cable Company	221,855	201,690
Canadian Marconi Wireless Company	866,275	761,518
North American Telegraph Company	573,930	426,790
Pacific Cable Board	185,134	246,211
Temiskaming & Northern Ontario Railway Commission	118,213	95,145
Western Union Telegraph Company	1,201,018	1,118,486
Total	14,740,641	12,990,549

Source

Local Messages	\$7,000,077	\$6,320,533
Conjoint Messages	2,754,935	2,581,368
Press Reports	118,213	113,801
Market Reports	499,484	309,670
Cablegrams	1,721,308	1,525,697
Money Orders	158,871	150,110
Leased Wires	1,757,245	1,219,969
Miscellaneous	730,508	769,401
Total	14,740,641	12,990,549

Table 2

Company

OPERATING EXPENSES

Canadian National Telegraphs	\$4,441,009	\$4,129,667
Canadian Pacific Railway Company	3,439,270	3,052,247
Dominion Government Telegraph Service	840,451	702,401
Halifax and Bermudas Cable Company	65,611	60,881
Canadian Marconi Wireless Company	814,885	712,748
North American Telegraph Company	559,457	414,274
Pacific Cable Board	471,289	531,163
Temiskaming & Northern Ontario Railway Commission	43,285	38,538
Western Union Telegraph Company	971,806	958,493
Total	11,647,063	10,600,412

Source

Maintenance - Line and Equipment	\$2,131,451	\$1,389,491
Buildings, Offices, etc.	23,031	372,810
Operation - Salaries of Operators, Agents, etc.	6,573,919	6,231,174
Commissions	269,295	253,114
Local Office Expenses, Materials	737,468	616,685
General - Salaries of General Office Clerks & Officers	1,176,222	985,220
Insurance	16,455	15,097
Legal Expenses	691	2,516
Miscellaneous	718,531	734,305
Total	11,647,063	10,600,412





TELEGRAPH STATISTICS

Table 3.

NET OPERATING REVENUES

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	\$ 1,166,286	\$ 756,537
Canadian Pacific Railway Company	2,228,988	1,893,112
Dominion Government Telegraph Service	Dr. 541,788	Dr. 393,255
Halifax & Bermudas Cable Company	156,244	140,809
Canadian Marconi Wireless Company	51,390	48,770
North American Telegraph Company	14,473	12,516
Pacific Cable Board	Dr. 286,155	Dr. 284,952
Temiskaming & Northern Ontario Railway Commission	74,928	56,607
Western Union Telegraph Company	229,212	159,993
Total	3,093,578	2,390,137

Table 4.

INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1928	1927	1928	1927
Canadian National Telegraphs	\$ 78,808	\$ 59,388	\$ 1,245,094	\$ 815,925
Canadian Pacific Railway Co.	-----	-----	2,228,988	1,893,112
Dominion Govt. Telegraph Service	-----	-----	Dr. 541,788	Dr. 393,255
Halifax & Bermudas Cable Co.	28,869	17,496	185,113	158,305
Canadian Marconi Wireless Co.	1,473,265	1,148,418	1,524,655	1,197,188
North American Telegraph Co.	-----	-----	14,473	12,516
Pacific Cable Board	-----	-----	Dr. 286,155	Dr. 284,952
Temiskaming & N. Ont. Ry. Comm.	-----	-----	74,928	56,607
Western Union Telegraph Co.	-----	-----	229,212	159,993
Total	1,580,942	1,225,302	4,674,520	3,615,439

  

Company	Deductions from Income		Net Corporate Income	
	1928	1927	1928	1927
Canadian National Telegraphs	491,495	447,355	753,599	368,570
Canadian Pacific Railway Co.	50,895	50,253	2,178,093	1,842,859
Dominion Govt. Telegraph Service	-----	-----	Dr. 541,788	Dr. 393,255
Halifax & Bermudas Cable Co.	33,407	39,203	151,706	119,102
Can. Marconi Wireless Co.	1,183,427	1,065,450	341,228	131,738
North American Telegraph Co.	7,155	5,664	7,318	6,852
Pacific Cable Co.	-----	-----	Dr. 286,155	Dr. 284,952
Temiskaming & N. Ont. Ry. Comm.	-----	-----	74,928	56,607
Western Union Telegraph Co.	27,565	25,391	201,647	134,602
Total	1,793,944	1,633,316	2,880,576	1,982,123



# TELEGRAPH STATISTICS

Table 5.

## POLE LINE MILEAGE

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	23,412	23,049
Canadian Pacific Railway Company	16,429	15,775
Dominion Government Telegraph Service	10,765	10,737
Temiskaming & Northern Ontario Railway Commission	450	449
Western Union Telegraph Co.	2,721	2,721
Total	53,777	52,731
<u>Province</u>		
Prince Edward Island	274	274
Nova Scotia	3,303	3,273
New Brunswick	2,912	2,906
Quebec	6,955	6,947
Ontario	11,494	11,532
Manitoba	4,417	4,252
Saskatchewan	8,353	7,987
Alberta	5,505	5,316
British Columbia	9,259	8,939
Yukon	650	650
Newfoundland	14	14
United States	641	641
Total	53,777	52,731

Table 6.

## WIRE MILEAGE

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	141,523	136,143
Canadian Pacific Railway Company	160,287	151,329
Dominion Government Telegraph Service	14,299	14,173
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,288	3,270
Western Union Telegraph Company	18,129	18,179
Total	337,971	323,539
<u>Province</u>		
Prince Edward Island	882	767
Nova Scotia	14,743	14,696
New Brunswick	15,685	15,614
Quebec	39,067	37,283
Ontario	118,041	116,188
Manitoba	29,991	27,768
Saskatchewan	43,680	40,213
Alberta	31,275	30,387
British Columbia	37,244	33,261
Yukon	650	650
Newfoundland	14	14
United States	6,699	6,698
Total	337,971	323,539

## Class

Iron - Overhead	167,316	167,978
Copper- Overhead	162,945	149,008
" " in cables	2,359	1,814
" Underground	4,295	3,752
" Submarine	1,056	987
Total	337,971	323,539





# TELEGRAPH STATISTICS

Table 7.

## EMPLOYEES AND SALARIES

Company			Year Ended	
			Dec. 31st	
	1928		1927	
	No.	Amount	No.	Amount
		\$		\$
Canadian National Telegraphs	(1) 3,263	(1) 4,070,848	(3) 3,015	(3) 3,654,306
Canadian Pacific Railway Company	(2) 2,171	(2) 2,701,113	(4) 1,968	(4) 2,343,474
Dominion Govt. Telegraph Service	1,242	553,310	1,200	537,065
Halifax & Bermudas Cable Co.	21	25,112	20	24,690
Canadian Marconi Wireless Company	324	347,465	317	349,659
North American Telegraph Company	16	14,409	17	13,784
Pacific Cable Board	131	229,648	140	267,693
Temiskaming & Northern Ont. Ry. Comm.	23	20,524	22	17,407
Western Union Telegraph Company	448	641,557	539	748,986
Total	7,639	8,603,986	7,238	7,957,064

### Class

#### Operators-

Male

Female

#### Other Officers and Employees

Total

2,584	2,472
871	827
4,184	3,939
7,639	7,238

(1)	Excluding 1,727 Commission Operators - Commissions	\$232,019.
(2)	" 110 " " - "	\$164,963.
(3)	" 1,728 " " - "	\$216,057.
(4)	" 97 " " - "	\$182,190.

Table 8.

## NUMBER OF OFFICES

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	(1) 1,943	(6) 1,941
Canadian Pacific Railway Co.	(2) 1,638	(2) 1,566
Dominion Government Telegraph Service	(3) 1,040	(3) 1,082
Halifax & Bermudas Cable Co.	(4) 3	(4) 3
Canadian Marconi Wireless Company	(5) 31	(5) 31
North American Telegraph Company	18	19
Pacific Cable Board	4	4
Temiskaming & Northern Ontario Ry. Comm.	38	37
Western Union Telegraph Company	194	202
Total	4,909	4,885

(1)	Includes 30 outside of Canada.
(2)	" 16 " " "
(3)	" 2 in Newfoundland.
(4)	" 2 outside of Canada.
(5)	" 12 " " "
(6)	" 31 " " "

### Province

Prince Edward Island	29	29
Nova Scotia	262	241
New Brunswick	168	169
Quebec	858	821
Ontario	1,238	1,263
Manitoba	374	320
Saskatchewan	684	674
Alberta	379	355
British Columbia	890	935
Yukon	15	15
Outside of Canada	62	63
Total	4,909	4,885



# TELEGRAPH STATISTICS

Table 9.

## MESSAGES

### Telegrams Sent (By Provinces)

Province	Year ended Dec. 31st	
	1928	1927
Prince Edward Island	70,978	72,212
Nova Scotia	752,350	689,428
New Brunswick	505,316	468,075
Quebec	2,353,419	2,566,644
Ontario	4,398,052	4,002,005
Manitoba	1,492,572	1,309,769
Saskatchewan	1,032,175	932,035
Alberta	1,159,959	924,087
British Columbia	1,739,406	1,583,886
Yukon	90,071	86,533
Outside of Canada #	29,679	32,721
Total	13,623,977	12,667,395

## MESSAGES SENT AND RECEIVED

### Land Messages

Company	1928		1927	
	Sent	: Received : : from U.S.A.:	Sent	: Received : : from U.S.A.
Canadian National Telegraphs	5,928,152	2,310,741	5,713,071	2,162,479
Canadian Pacific Railway Co.	6,044,595	814,002	5,372,521	699,938
Dominion Govt. Telegraph Service	535,605	---	536,842	---
Canadian Marconi Wireless Co.	38,217	72,128	30,039	69,561
North American Telegraph Co.	47,437	36,990	44,276	34,255
Temiskaming & N. Ont. Ry. Comm.	149,683	4,159	135,613	---
Western Union Telegraph Co.	881,245	---	832,312	---
Total	13,624,934	3,238,020	12,664,674	2,966,233

## NUMBER OF CABLEGRAMS

Company	1928		1927	
	Sent	: Received : :	Sent	: Received : :
Canadian National Telegraphs	(1) 296,862	(1) 243,532	247,697	204,691
Canadian Pacific Railway Co.	440,539	382,797	414,007	376,259
Halifax & Bermudas Cable Co.	87,713	115,772	83,978	116,691
Canadian Marconi Wireless Co.	(2) 164,498	(2) 191,968	(2) 120,307	(2) 77,133
North American Telegraph Co.	775	976	672	973
Pacific Cable Board	22,637	20,717	24,317	21,773
Temiskaming & N. Ont. Ry. Comm.	1,128	868	1,279	794
Western Union Telegraph Co.	271,396	(3) 5,904,565	240,187	(3) 4,734,013
Total	1,285,548	6,861,195	1,132,444	5,532,327
Total excluding relays		956,630		798,314

On Canadian Lines in U.S.A.

Messages to and from ships and stations.

- 1) Includes messages to and from wireless stations.
- 2) Includes only messages from land to land
- 3) Cablegrams relayed.





# TELEGRAPH STATISTICS

Table 9- Cont'd.

## / MARCONI WIRELESS MESSAGES

	<u>Year ended Dec. 31st</u>					
	<u>Nova Scotia</u>		<u>Quebec</u>		<u>Ontario</u>	
	<u>1928</u>	<u>1927</u>	<u>: 1928</u>	<u>1927</u>	<u>: 1928</u>	<u>1927</u>
Private messages sent to ships and stations	10,526	8,947	12,089	9,722	5,437	5,095
Private messages received from ships and stations	34,263	34,518	17,474	15,534	13,991	12,923
Messages sent to Government ships	353	1,356	1,295	291	509	559
Messages received from Government ships	749	1,463	1,840	194	387	906
Government messages sent to stations	929	3,005	1,217	134	128	930
Government messages received from stations	1,389	3,264	1,897	125	138	734
Total	48,209	52,553	35,812	26,000	20,590	21,147

/ Included in total of telegrams.

Table 10

## MONEY TRANSFERS FORWARDED

Including those received from Foreign Countries

<u>Company</u>	<u>Year ended Dec. 31st</u>	
	<u>1928</u>	<u>1927</u>
	\$	\$
Canadian National Telegraphs	7,533,394	7,105,370
Canadian Pacific Railway Company	1,642,207	1,531,410
North American Telegraph Company	21,460	17,662
Western Union Telegraph Company	579,029	587,422
Total	9,776,090	9,241,864



56-201

C A N A D A  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For

1929

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Published by Authority of the Hon. H. H. Stevens, M.P.,  
Minister of Trade and Commerce

♦ ♦ ♦  
OTTAWA

1930





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

TELEGRAPH STATISTICS

FOR

1 9 2 9

Gross revenues of all telegraph and cable systems operating in Canada during 1929 amounted to \$16,256,441 which was an increase over the 1928 revenues of \$1,515,800, or 10.2 per cent, and operating expenses amounted to \$12,590,364, or \$943,301 in excess of the 1928 expenses, the total net revenues being \$3,666,077 as against \$3,093,578 in 1928.

Pole line mileage amounted to 52,835 miles which was 942 miles less than for 1928, but wire mileage increased by 22,912 miles, amounting to 360,883 miles at the end of the year.

The total number of employees was 8,056, or an increase of 417 over the 1928 total, and salaries and wages for the year amounted to \$9,379,779, excluding \$425,545 commissions paid by the Canadian National and Canadian Pacific systems to operators not considered employees of their commercial telegraph systems.

The number of telegraph offices in Canada decreased by 143 during the year, or to 4,766. These included 38 offices of Canadian companies located in other countries, principally the United States.

Telegrams transmitted, including messages originated at Canadian stations and messages received from United States lines destined to Canadian stations, amounted to 18,029,973, which was 1,172,753 more than were transmitted in 1928. The total number of cablegrams sent was 1,151,138 and cablegrams received numbered 4,059,788, which included 3,160,522 cablegrams relayed to the United States by the Western Union Telegraph Company at their Canso station. Excluding these relays, the number of cablegrams received amounted to 899,266. For the Marconi Wireless System only messages from land to land were included with cablegrams. Wireless messages to and from ships and stations were included with telegrams. Wireless messages originating at stations of other companies and forwarded over their wires to Marconi stations were included by those companies with cablegrams and the statistics contain duplications to that extent. The various types of commercial wireless messages transmitted by the Marconi System are shown separately, but these do not include the service messages to and from ships and stations.

During the year \$11,295,857 was transferred by telegraph as against \$9,776,090 in 1928.

The telegraph and cable companies reported new construction valued at \$3,050,123 and alterations and repair work costing \$1,796,632, or a total expenditure for construction of \$4,846,755 for the year.

Poles used numbered 64,322 and cost \$316,817. Materials used included 270 tons of galvanized wire valued at \$31,021, 2,025 tons of copper wire valued at \$900,116, and batteries and other materials valued at \$2,148,498.

During the year the Canadian National acquired the Maritime lines formerly operated by the Western Union Telegraph Company and the Dominion Government System sold 1,006 miles of pole line in southern districts of British Columbia.



# TELEGRAPH STATISTICS

Table 1

Company	GROSS REVENUE	Year ended Dec. 31st	
		1929	1928
Canadian National Telegraphs		\$6,885,869	\$5,607,295
Canadian Pacific Railway Company		6,011,458	5,668,258
Dominion Government Telegraph Service		356,485	298,663
Halifax and Bermudas Cable Company		131,563	221,855
Canadian Marconi Wireless Company		960,694	866,275
North American Telegraph Company		862,160	573,930
Pacific Cable Board		160,777	185,134
Temiskaming & Northern Ontario Railway Commission		110,553	118,213
Western Union Telegraph Company		776,882	1,201,018
Total		16,256,441	14,740,641

## Source

Local Messages		\$7,444,306	\$7,000,077
Conjoint Messages		2,641,839	2,754,935
Press Reports		405,539	118,213
Market Reports		712,993	499,484
Cablegrams		1,625,887	1,721,308
Money Orders		186,332	158,871
Leased Wires		2,398,341	1,757,245
Miscellaneous		841,204	730,508
Total		16,256,441	14,740,641

Table 2

Company	OPERATING EXPENSES	
Canadian National Telegraphs	\$5,675,976	\$4,441,009
Canadian Pacific Railway Company	3,445,524	3,439,270
Dominion Government Telegraph Service	723,579	840,451
Halifax and Bermudas Cable Company	84,683	65,611
Canadian Marconi Wireless Company	774,928	814,885
North American Telegraph Company	852,206	559,457
Pacific Cable Board	446,301	471,289
Temiskaming & Northern Ontario Railway Commission	45,077	43,285
Western Union Telegraph Company	542,090	971,806
Total	12,590,364	11,647,063

## Source

Maintenance - Line and Equipment	\$2,183,693	\$2,131,451
Buildings, Offices, etc.	303,170	23,031
Operation - Salaries of operators, agents, etc.	6,541,726	6,573,919
Commissions	603,309	269,295
Local Office Expenses, Materials	1,190,024	737,468
General - Salaries of General Office Clerks and Officers	666,273	1,176,222
Insurance	23,115	16,455
Legal Expenses	3,117	691
Miscellaneous	1,075,937	718,531
Total	12,590,364	11,647,063





## TELEGRAPH STATISTICS

Table 3.

## NET OPERATING REVENUES

Company	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	\$1,209,893	\$1,166,286
Canadian Pacific Railway Company	2,565,934	2,228,988
Dominion Government Telegraph Service	Dr. 367,094	Dr. 541,788
Halifax and Bermudas Cable Company	46,880	156,244
Canadian Marconi Wireless Company	185,766	51,390
North American Telegraph Company	9,954	14,473
Pacific Cable Board	Dr. 285,524	Dr. 286,155
Temiskaming & Northern Ontario Railway Commission	65,476	74,928
Western Union Telegraph Company	234,792	229,212
Total	3,666,077	3,093,578

Table 4

## INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1929	1928	1929	1928
Canadian National Telegraphs	\$ 65,502	\$ 78,808	\$1,275,395	\$1,245,094
Canadian Pacific Railway Co.	...	...	2,565,934	2,228,988
Dominion Govt. Telegraph Service	...	...	Dr. 367,094	Dr. 541,788
Halifax & Bermudas Cable Co.	7,271	28,869	54,151	185,113
Canadian Marconi Wireless Co.	1,663,320	1,473,265	1,849,086	1,524,655
North American Telegraph Co.	5,152	...	15,106	14,473
Pacific Cable Board	...	...	Dr. 285,524	Dr. 286,155
Temiskaming & Northern Ont. Ry. Comm.	...	...	65,476	74,928
Western Union Telegraph Company	...	...	234,792	229,212
Total	1,741,245	1,580,942	5,407,322	4,674,520

Company	Deductions from Income		Net Corporate Income	
	1929	1928	1929	1928
Canadian National Telegraphs	\$ 921,441	\$ 491,495	\$ 353,954	\$ 753,599
Canadian Pacific Railway Co.	271,288	50,895	2,294,646	2,178,093
Dominion Govt. Telegraph Service	...	...	Dr. 367,094	Dr. 541,788
Halifax and Bermudas Cable Co.	177,885	33,407	Dr. 123,734	151,706
Canadian Marconi Wireless Co.	1,327,891	1,183,427	521,195	341,228
North American Telegraph Co.	4,209	7,155	10,897	7,318
Pacific Cable Board	...	...	Dr. 285,524	Dr. 286,155
Temiskaming & Northern Ont. Ry. Comm.	...	...	65,476	74,928
Western Union Telegraph Company	27,821	27,565	206,971	201,647
Total	2,730,535	1,793,944	2,676,787	2,880,576



# TELEGRAPH STATISTICS

Table 5

## POLE LINE MILEAGE

Company	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	24,565	23,412
Canadian Pacific Railway Company	16,794	16,429
Dominion Government Telegraph Service	9,848	10,765
Temiskaming & Northern Ontario Railway Commission	450	450
Western Union Telegraph Company	1,178	2,721
Total	52,835	53,777
<u>Province</u>		
Prince Edward Island	276	274
Nova Scotia	3,204	3,303
New Brunswick	2,695	2,912
Quebec	6,924	6,955
Ontario	11,372	11,494
Manitoba	4,481	4,417
Saskatchewan	8,565	8,353
Alberta	5,603	5,505
British Columbia	8,401	9,259
Yukon	650	650
Newfoundland	14	14
United States	650	641
Total	52,835	53,777

Table 6.

## WIRE MILEAGE

Company			
Canadian National Telegraphs	166,121	141,523	
Canadian Pacific Railway Company	167,664	160,287	
Dominion Government Telegraph Service	12,455	14,299	
North American Telegraph Company	445	445	
Temiskaming and Northern Ontario Railway Commission	3,288	3,288	
Western Union Telegraph Company	10,910	18,129	
Total	360,883	337,971	
<u>Province</u>			
Prince Edward Island	875	882	
Nova Scotia	15,537	14,743	
New Brunswick	16,183	15,685	
Quebec	43,300	39,067	
Ontario	124,583	118,041	
Manitoba	32,273	29,991	
Saskatchewan	45,940	43,680	
Alberta	35,520	31,275	
British Columbia	38,973	37,244	
Yukon	653	650	
Newfoundland	14	14	
United States	7,032	6,699	
Total	360,883	337,971	
<u>Class</u>			
Iron	- Overhead	164,724	167,316
Copper	- Overhead	186,604	162,945
"	" in cables	2,559	2,359
"	Underground	5,882	4,295
"	Submarine	1,114	1,056
Total		360,883	337,971





# TELEGRAPH STATISTICS

Table 7.

## EMPLOYEES AND SALARIES

	Year ended Dec. 31st			
	1929		1928	
	No.	Amount	No.	Amount
		\$		\$
Canadian National Telegraphs	(1) 3,927	(1) 4,875,523	(3) 3,263	(3) 4,070,848
Canadian Pacific Railway Co.	(2) 2,259	(2) 2,872,205	(4) 2,171	(4) 2,701,113
Dominion Govt. Telegraph Service	1,100	560,938	1,242	553,310
Halifax & Bermudas Cable Co.	21	27,144	21	25,112
Canadian Marconi Wireless Co.	294	383,822	324	347,465
North American Telegraph Co.	16	14,891	16	14,409
Pacific Cable Board	132	231,286	131	229,648
Temiskaming & Northern Ont. Ry. Comm.	26	22,663	23	20,524
Western Union Telegraph Co.	281	391,307	448	641,557
Total	5,056	9,379,779	7,639	8,603,986

### Class

Operators - Male	2,477	2,584
Female	1,002	871
Other Officers and Employees	4,577	4,184
Total	8,056	7,639

(1) Excluding 1,868 Commission Operators - Commissions	\$243,878.
(2) " 138 " " "	181,667.
(3) " 1,727 " " "	232,019.
(4) " 110 " " "	164,963

Table 8.

## NUMBER OF OFFICERS

	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	(1) 2,135	(6) 1,943
Canadian Pacific Railway Co.	(2) 1,642	(7) 1,638
Dominion Government Telegraph Service	(3) 895	(3) 1,040
Halifax and Bermudas Cable Company	(4) 3	(4) 3
Canadian Marconi Wireless Company	(5) 31	(5) 31
North American Telegraph Company	18	18
Pacific Cable Board	4	4
Temiskaming & Northern Ontario Railway Commission	38	38
Western Union Telegraph Company	..	194
Total	4,766	4,909

(1) Includes 7 outside of Canada	
(2) " 15 " " "	
(3) " 2 in Newfoundland	
(4) " 2 outside of Canada	
(5) " 12 " " "	
(6) " 30 " " "	
(7) " 16 " " "	

### Province

Prince Edward Island	36	29
Nova Scotia	253	262
New Brunswick	175	168
Quebec	860	858
Ontario	1,233	1,238
Manitoba	317	324
Saskatchewan	701	684
Alberta	387	379
British Columbia	751	890
Yukon	15	15
Outside of Canada	38	62
Total	4,766	4,909



# TELEGRAPH STATISTICS

Table 9.

## MESSAGES Telegrams Sent (By Provinces)

Province	Year ended Dec. 31st	
	1929	1928
Prince Edward Island	67,847	70,978
Nova Scotia	747,358	750,978
New Brunswick	669,788	505,316
Quebec	2,732,504	2,351,963
Ontario	4,677,344	4,396,103
Manitoba	1,513,691	1,492,572
Saskatchewan	1,060,902	1,032,175
Alberta	1,168,053	1,159,959
British Columbia	1,870,077	1,739,406
Yukon	103,777	90,071
Outside of Canada #	31,771	29,679
Total	14,643,112	13,619,200

## MESSAGES SENT AND RECEIVED

### Land Messages

Company	1929		1928	
	Sent	: Received : : From U.S.A. :	Sent	: Received : : From U.S.A. :
Canadian National Telegraphs	7,064,922	2,423,286	5,923,152	2,310,741
Canadian Pacific Railway Co.	6,415,646	843,559	6,044,595	814,002
Dominion Government Telegraph Service	537,080	...	535,605	...
Canadian Marconi Wireless Co.	+ 36,484	+ 78,124	+ 32,483	+ 72,128
North American Telegraph Co.	49,380	38,125	47,437	36,990
Temiskaming & N. Ont. Ry. Comm.	125,085	3,767	149,683	4,159
Western Union Telegraph Co.	414,506	....	881,245	....
Total	14,643,112	3,386,861	13,619,200	3,238,020

## NUMBER OF CABLEGRAMS

Company	1929		1928	
	Sent	: Received : :	Sent	: Received : :
Canadian National Telegraphs	(1) 452,149	(1) 386,718	(1) 296,862	(1) 243,532
Canadian Pacific Railway Co.	54,042	303,370	410,539	382,797
Halifax & Bermudas Cable Co.	43,662	54,122	87,713	115,772
Canadian Marconi Wireless Co.	(2) 119,078	(2) 135,084	(2) 164,498	(2) 191,968
North American Telegraph Co.	784	803	775	976
Pacific Cable Board	20,380	18,586	22,637	20,717
Temiskaming & N. Ont. Ry. Comm.	1,121	583	1,128	868
Western Union Telegraph Co.	149,922	(3) 3,160,522	271,396	(3) 5,904,565
Total	1,151,138	4,059,788	1,285,548	6,861,195
Total excluding relays		899,266		956,630

# - On Canadian lines in U.S.A.

+ - Messages to and from ships and stations.

(1)- Includes messages to and from wireless stations.

(2)- Includes only messages from land to land

(3)- Cablegrams relayed





TELEGRAPH STATISTICS

Table 9 - Cont'd.

† MARCONI WIRELESS MESSAGES

	Year ended Dec. 31st										
	Nova Scotia		:	Quebec		:	Ontario				
	1929	:	1928	:	1929	:	1928	:	1929	:	1928
Private messages sent to ships and stations	13,821		10,526		12,460		12,089		5,307		5,437
Private messages received from ships and stations	40,756		34,263		17,203		17,474		13,238		13,991
Messages sent to Government ships	350		353		1,307		1,295		493		509
Messages received from Government ships	904		749		1,753		1,840		357		387
Government messages sent to stations	1,009		929		1,507		1,217		230		128
Government messages received from stations	2,027		1,389		1,642		1,897		244		138
Total	58,867		48,209		35,872		35,812		19,869		20,590

† Included in total of telegrams.

Table 10.

MONEY TRANSFERS FORWARDED

Including those received from Foreign Countries

Company	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	\$9,167,792	\$7,533,394
Canadian Pacific Railway Company	1,853,093	1,642,207
North American Telegraph Company	24,939	21,460
Western Union Telegraph Company	250,033	579,029
Total	11,295,857	9,776,090



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TELEGRAPH STATISTICS

For

1930

Published by Authority of the Hon. H. H. Stevens, M.P.,  
Minister of Trade and Commerce

♦ ♦ ♦

OTTAWA

1931





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

TELEGRAPH STATISTICS

FOR

1930

Gross revenues of all telegraph and cable systems operating in Canada during 1930 amounted to \$14,264,997, which was a decrease from the 1929 revenues of \$1,991,444, or 12.2 per cent, and operating expenses amounted to \$11,791,291, or \$799,073 less than in 1929, the total net revenues being \$2,473,706, as against \$3,666,077 in 1929.

Pole line mileage amounted to 52,824 miles which was 11 miles less than for 1929, but wire mileage increased by 10,864 miles, amounting to 371,747 miles at the end of the year.

The total number of employees was 7,331, or a decrease of 725 from the 1929 total, and salaries and wages for the year amounted to \$8,674,453, excluding \$815,394 commissions paid by the Canadian National and Canadian Pacific systems to operators not considered employees of their commercial telegraph systems.

The number of telegraph offices in Canada decreased by 104, or to 4,661. These included 37 offices of Canadian companies located in other countries, principally in the United States.

Telegrams transmitted, including messages originated at Canadian stations and messages received from the United States lines destined to Canadian stations, amounted to 15,558,224, which was 2,471,749 less than were transmitted in 1929. The total number of cablegrams sent was 1,142,696 and cablegrams received numbered 5,602,524, which included 4,709,556 relayed to the United States by the Western Union Telegraph Company at their Canso station. Excluding these relays, the number of cablegrams received amounted to 892,968. For the Marconi Wireless System, only messages from land to land were included with cablegrams. Wireless messages to and from ships and stations were included with telegrams. Wireless messages originating at stations of other companies and forwarded over their wires to Marconi stations were included by these companies with cablegrams and the statistics contain duplications to that extent. The various types of commercial wireless messages transmitted by the Marconi System are shown separately, but these do not include the service messages to and from ships and stations.

During the year \$10,213,475 was transferred by telegraph, against \$11,295,857 in 1929.

The telegraph and cable companies reported new construction valued at \$2,395,879 and alterations and repair work costing \$1,782,117, or a total of expenditure for construction of \$4,177,996 for the year.

Poles used numbered 54,515 and cost \$277,215, other materials used included 177 tons of galvanized wire valued at \$17,007, 2,165 tons of copper wire valued at \$503,073 and batteries and other materials valued at \$2,277,588.

The Pacific Cable, from Canada to Australia and New Zealand, has been in operation since 1902 and has been owned by a partnership of the governments of Great Britain, New Zealand, Australia and Canada. As a result of the recommendation of the Imperial Wireless and Cable Conference of 1928, in view of increased wireless competition, it was decided to dispose of the Pacific and West Indian Islands cable systems to the Imperial and International Communications Company, a company formed to take over all Empire-owned cables and lease the Empire-owned beam wireless systems. The necessary legislation was passed by Great Britain in February, 1929, and by Canada in June, 1929, Canada receiving \$591,662 as her share of the proceeds of the sale.



# TELEGRAPH STATISTICS

Table 1.

## CAPITAL STOCK

Year ended December 31, 1930

Company	: Common : Stock	: Preferred: : Stock	: Total : Stock	: Funded : Debt	: Total
Canadian National Telegraphs	\$ 873,625	....	\$873,625	\$ 800,000	\$1,673,625
Canadian Pacific Railway Co.	Included in railway report				
Dominion Government Tel. Service	.....	....	.....	.....	.....
Halifax & Bermudas Cable Co.	242,778	....	242,778	318,937	561,765
Canadian Marconi Wireless Co.	4,554,682	....	4,554,682	.....	4,554,682
North American Telegraph Co.	200,000	....	200,000	.....	200,000
Pacific Cable Board	.....	....	.....	.....	.....
Temiskaming & N. Ontario Ry. Comm.	.....	....	.....	.....	.....
Western Union Telegraph Co.	.....	....	.....	.....	.....
Total	5,871,085	....	5,871,085	1,118,987	6,990,072

Table 2.

## COST OF PROPERTY & EQUIPMENT

Year ended Dec. 31st

1930 1929

Canadian National Telegraphs	\$19,041,453	\$18,222,396
Canadian Pacific Railway Co.	15,728,708	13,923,208
Dominion Government Telegraph Service	2,619,597	2,773,229
Halifax & Bermudas Cable Co.	27,258	27,258
Canadian Marconi Wireless Co.	1,462,270	1,250,194
North American Telegraph Co.	15,959	15,947
Pacific Cable Board	.....	.....
Temiskaming & Northern Ontario Ry. Comm.	217,077	193,309
Western Union Telegraph Co.	1,407,728	1,341,867
Total	40,520,050	37,747,408

Table 3.

## GROSS REVENUE

Canadian National Telegraphs	\$6,203,649	\$6,385,869
Canadian Pacific Railway Co.	5,412,353	6,011,458
Dominion Government Telegraph Service	356,469	356,485
Halifax & Bermudas Cable Co.	272,458	31,563
Canadian Marconi Wireless Co.	870,740	960,694
North American Telegraph Co.	708,804	862,160
Pacific Cable Board	119,725	160,777
Temiskaming & Northern Ontario Ry. Comm.	85,384	110,553
Western Union Telegraph Co.	235,415	776,882
Total	14,264,997	16,256,441

## Source

Local messages	\$6,593,665	\$7,444,306
Conjoint messages	2,292,693	2,641,839
Press reports	333,221	405,539
Market reports	598,544	712,993
Cablegrams	1,265,988	1,625,887
Money orders	167,173	186,332
Leased wires	2,223,942	2,398,341
Miscellaneous	789,771	841,204
Total	14,264,997	16,256,441





# TELEGRAPH STATISTICS

Table 4.

## OPERATING EXPENSES

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	\$5,393,442	\$5,675,976
Canadian Pacific Railway Co.	3,275,789	3,445,524
Dominion Government Telegraph Service	693,172	723,579
Halifax & Bermudas Cable Co.	98,378	84,683
Canadian Marconi Wireless Co.	754,109	774,928
North American Telegraph Co.	703,117	852,206
Pacific Cable Board	462,095	446,301
Temiskaming & Northern Ontario Ry. Comm.	37,058	45,077
Western Union Telegraph Co.	374,131	542,090
Total	11,791,291	12,590,364

## Source

Maintenance	- Line and equipment	\$1,756,321	\$2,183,693
	Buildings, offices, etc.	112,560	303,170
Operation	- Salaries of operators, agents, etc.	6,650,645	6,541,726
	Commissions	537,968	603,309
	Local office expenses, materials	1,067,355	1,190,024
General	- Salaries of general office clerks and officers	703,518	666,273
	Insurance	22,193	23,115
	Legal expenses	8,087	3,117
	Miscellaneous	932,644	1,075,937
Total		11,791,291	12,590,364

Table 5.

## NET OPERATING REVENUE

Company			
Canadian National Telegraphs		\$ 810,207	\$1,209,893
Canadian Pacific Railway Co.		2,136,564	2,565,934
Dominion Government Telegraph Service	Dr.	336,703	Dr. 367,094
Halifax & Bermudas Cable Co.		174,080	46,880
Canadian Marconi Wireless Co.		116,631	185,766
North American Telegraph Co.		5,687	9,954
Pacific Cable Board	Dr.	342,370	Dr. 285,524
Temiskaming & Northern Ontario Ry. Comm.		48,326	65,476
Western Union Telegraph Co.	Dr.	138,716	234,792
Total		2,473,706	3,666,077



# TELEGRAPH STATISTICS

Table 6.

## INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1930	1929	1930	1929
Canadian National Telegraphs	\$ 65,040	\$ 65,502	\$ 875,247	\$1,275,395
Canadian Pacific Railway Co.	...	...	2,136,564	2,565,934
Dominion Govt. Telegraph Service	...	...	Dr. 336,703	Dr. 367,094
Halifax & Bermudas Cable Co.	126	7,271	174,206	54,151
Canadian Marconi Wireless Co.	1,863,052	1,663,320	1,979,683	1,849,086
North American Telegraph Co.	5,244	5,152	10,931	15,106
Pacific Cable Board	...	...	Dr. 342,370	Dr. 285,524
Temiskaming & N. Ont. Ry. Comm.	...	...	48,326	65,476
Western Union Telegraph Co.	...	...	Dr. 138,716	234,792
Total	1,933,462	1,741,245	4,407,168	5,407,322

Company	Deductions from Income		Net Corporate Income	
	1930	1929	1930	1929
Canadian National Telegraphs	\$ 990,570	\$ 921,441	Dr. \$115,323	\$ 353,954
Canadian Pacific Railway Co.	301,874	271,288	1,834,690	2,294,646
Dominion Govt. Telegraph Service	...	...	Dr. 336,703	Dr. 367,094
Halifax & Bermudas Cable Co.	38,117	177,885	136,089	Dr. 123,731
Canadian Marconi Wireless Co.	1,690,627	1,327,891	289,056	521,195
North American Telegraph Co.	4,311	4,209	6,620	10,897
Pacific Cable Board	...	...	Dr. 342,370	Dr. 285,524
Temiskaming & N. Ont. Ry. Comm.	...	...	48,326	65,476
Western Union Telegraph Co.	361	27,821	Dr. 139,077	206,971
Total	3,025,860	2,730,535	1,381,308	2,676,787

Table 7.

## POLE LINE MILEAGE

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	24,828	24,565
Canadian Pacific Railway Co.	16,919	16,794
Dominion Government Telegraph Service	9,351	9,248
Temiskaming & Northern Ontario Ry. Comm.	549	450
Western Union Telegraph Co.	1,177	1,178
Total	52,824	52,835

## Province

Province	Year ended Dec. 31st	
	1930	1929
Prince Edward Island	276	276
Nova Scotia	3,241	3,204
New Brunswick	2,693	2,695
Quebec	6,928	6,924
Ontario	11,466	11,372
Manitoba	4,535	4,481
Saskatchewan	8,834	8,565
Alberta	5,950	5,603
British Columbia	7,581	8,401
Yukon	650	650
Newfoundland	14	14
United States	656	650
Total	52,824	52,835





# TELEGRAPH STATISTICS

Table 8.

## WIRE MILEAGE

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	169,163	166,121
Canadian Pacific Railway Co.	176,236	167,664
Dominion Government Telegraph Service	11,399	12,455
North American Telegraph Co.	445	445
Temiskaming & Northern Ontario Ry. Comm.	3,513	3,288
Western Union Telegraph Co.	10,991	10,910
<b>Total</b>	<b>371,747</b>	<b>360,883</b>
Province	Total	
	1930	1929
Prince Edward Island	886	875
Nova Scotia	15,775	15,537
New Brunswick	16,569	16,183
Quebec	44,868	43,300
Ontario	128,239	124,583
Manitoba	33,737	32,273
Saskatchewan	47,765	45,940
Alberta	38,074	35,520
British Columbia	37,922	38,973
Yukon	653	653
Newfoundland	14	14
United States	7,245	7,032
<b>Total</b>	<b>371,747</b>	<b>360,883</b>
Class	Total	
	1930	1929
Iron - Overhead	164,142	164,724
Copper - Overhead	196,389	186,604
" - " in cables	2,922	2,559
" - Underground	7,173	5,882
" - Submarine	1,121	1,114
<b>Total</b>	<b>371,747</b>	<b>360,883</b>

Table 9.

## EMPLOYEES AND SALARIES

Company	Year ended December 31st			
	1930		1929	
	No.	Amount	No.	Amount
		\$		\$
Canadian National Telegraphs	(1) 3,747	(1) 4,650,221	(3) 3,927	(3) 4,875,523
Canadian Pacific Railway Co.	(2) 2,075	(2) 2,582,206	(4) 2,259	(4) 2,872,205
Dominion Govt. Telegraph Service	933	513,351	1,100	560,938
Halifax & Bermudas Cable Co.	20	29,132	21	27,144
Canadian Marconi Wireless	266	359,809	294	383,822
North American Telegraph Co.	16	15,473	16	14,891
Pacific Cable Board	123	237,330	132	231,286
Temiskaming & N. Ont. Ry. Comm.	27	22,946	26	22,663
Western Union Telegraph Co.	124	263,985	281	391,307
<b>Total</b>	<b>7,331</b>	<b>8,674,453</b>	<b>8,056</b>	<b>9,379,779</b>
Class	1930		1929	
	No.	Amount	No.	Amount
Operators - Male	2,231		2,477	
Female	858		1,002	
Other officers and employees	4,242		4,577	
<b>Total</b>	<b>7,331</b>		<b>8,056</b>	

(1) Excluding 1,861 commission operators - Commissions	\$229,762
(2) " 132 " " "	160,087
(3) " 1,868 " " "	243,878
(4) " 138 " " "	181,667
	<b>815,394</b>



# TELEGRAPH STATISTICS

Table 10

## NUMBER OF OFFICES

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	(1) 2,130	(1) 2,135
Canadian Pacific Railway Co.	(6) 1,639	(2) 1,642
Dominion Government Telegraph Service	(3) 796	(3) 895
Halifax & Bermudas Cable Co.	(4) 3	(4) 3
Canadian Marconi Wireless Co.	(5) 30	(5) 31
North American Telegraph Co.	18	13
Pacific Cable Board	4	4
Temiskaming & Northern Ontario Ry. Comm.	41	38
Western Union Telegraph Co.	..	..
Total	4,661	4,766

- (1) Includes 7 outside of Canada  
 (2) " 15 " " "  
 (3) " 2 in Newfoundland  
 (4) " 2 outside of Canada  
 (5) " 12 " " "  
 (6) " 14 " " "

## Province

Prince Edward Island	34	36
Nova Scotia	259	253
New Brunswick	166	175
Quebec	858	860
Ontario	1,229	1,233
Manitoba	330	317
Saskatchewan	696	701
Alberta	393	387
British Columbia	644	751
Yukon	15	15
Outside of Canada	37	38
Total	4,661	4,766

Table 11

## MESSAGES

### Province

### Telegrams Sent (By Provinces)

Prince Edward Island	74,420	67,847
Nova Scotia	798,883	747,358
New Brunswick	641,331	669,788
Quebec	2,529,709	2,732,504
Ontario	3,990,359	4,677,344
Manitoba	1,379,944	1,513,691
Saskatchewan	844,628	1,060,902
Alberta	991,603	1,168,053
British Columbia	1,583,596	1,870,077
Yukon	106,279	103,777
Outside of Canada #	30,231	31,771
# On Canadian lines in U.S.A.	Total	12,970,983 14,643,112

## MESSAGES SENT AND RECEIVED

### Land Messages

Company	1930		1929	
	Sent	: Received : : from U.S.A. ::	Sent	: Received : : from U.S.A. :
Canadian National Telegraphs	6,643,102	1,927,469	7,064,922	2,423,286
Canadian Pacific Railway Co.	5,645,624	570,867	6,415,646	843,559
Dominion Govt. Telegraph Service	495,562	.....	537,080	.....
Canadian Marconi Wireless Co.	+ 28,520	+ 51,464	+ 36,484	+ 78,124
North American Telegraph Co.	44,323	34,359	49,389	38,125
Temiskaming & N. Ont. Ry. Comm.	113,852	3,082	125,085	3,767
Western Union Telegraph Co.	.....	.....	414,506	.....
Total	12,970,983	2,587,241	14,643,112	3,386,861

+ Messages to and from ships and stations.





# TELEGRAPH STATISTICS

Table 11 - Cont'd.

## NUMBER OF CABLEGRAMS

Company	1930		1929	
	Sent	: Received	Sent	: Received
Canadian National Telegraphs	(1) 411,137	(1) 332,510	(1) 452,149	(1) 386,718
Canadian Pacific Railway Co.	339,975	313,853	364,042	303,370
Halifax & Bermudas Cable Co.	90,732	112,258	43,662	54,122
Canadian Marconi Wireless Co.	(2) 115,491	(2) 117,855	(2) 119,078	(2) 135,084
North American Telegraph Co.	797	846	784	803
Pacific Cable Board	17,846	15,096	20,380	18,586
Temiskaming & N. Ont. Ry. Comm.	956	550	1,121	583
Western Union Telegraph Co.	165,762	(3) 4,709,556	149,922	(3) 3,160,522
Total	1,142,696	5,602,524	1,151,138	4,059,788
Total excluding relays		892,968		899,266

- (1) Includes messages to and from wireless stations.  
 (2) Includes only messages from land to land.  
 (3) Cablegrams relayed.

## MARCONI WIRELESS MESSAGES

Year ended Dec. 31st

	Nova Scotia		Quebec		Ontario	
	1930	: 1929	: 1930	: 1929	: 1930	: 1929
Private messages sent to ships and stations .....	6,983	13,821	12,371	12,460	4,037	5,307
Private messages received from ships and stations .....	15,100	40,756	16,757	17,203	11,032	13,238
Messages sent to Government ships .....	277	350	1,415	1,307	375	493
Messages received from Government ships .....	736	904	1,825	1,753	454	357
Government messages sent to stations .....	1,004	1,009	1,747	1,507	311	230
Government messages received from stations .....	2,238	2,027	3,072	1,642	250	244
Total .....	26,338	58,867	37,187	35,872	16,459	19,869

† Included in total of telegrams.

Table 12.

## MONEY TRANSFERS FORWARDED

(Including those received from Foreign Countries)

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	\$8,437,203	\$9,167,792
Canadian Pacific Railway Co.	1,755,397	1,853,093
North American Telegraph Co.	20,875	24,939
Western Union Telegraph Co.	.....	250,033
Total	10,213,475	11,295,857

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

1911

TO THE HONORABLE CHAIRMAN OF THE BOARD OF TRUSTEES

AND TO THE HONORABLE CHAIRMAN OF THE BOARD OF EDUCATION  
OF THE CITY OF CHICAGO

IN RESPONSE TO A RESOLUTION PASSED BY THE BOARD OF TRUSTEES  
ON JANUARY 10, 1911

REPORT OF THE

COMMISSIONERS OF THE

BOARD OF TRUSTEES OF THE UNIVERSITY OF CHICAGO  
IN RESPONSE TO A RESOLUTION PASSED BY THE BOARD OF TRUSTEES  
ON JANUARY 10, 1911

REPORT OF THE

COMMISSIONERS OF THE

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IN RESPONSE TO A RESOLUTION PASSED BY THE BOARD OF TRUSTEES  
ON JANUARY 10, 1911

56-701

CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

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TELEGRAPH STATISTICS

For

1931

Published by Authority of the Hon. H. H. Stevens, M.P.,  
Minister of Trade and Commerce

OTTAWA

1932





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

TELEGRAPH STATISTICS

FOR

1931

Gross revenues of telegraph and cable systems operating in Canada showed a further decrease in business and in revenues during 1931. Gross revenues amounted to \$11,641,799, as against \$14,264,997 in 1930 and \$16,256,441 in 1929. Maintenance of line and equipment expenses increased from \$1,756,321 to \$1,941,306, but cuts were made in salaries and wages and other expenses, reducing the total operating expenses from \$11,791,291 for 1930 to \$10,720,949. The net revenue, however, was only \$920,780 as against \$2,473,706 in the previous year and the net corporate income of all systems showed a debit of \$495,150, whereas in 1930 it was a credit of \$1,381,308.

The pole line mileage was increased from 52,824 miles to 53,228 miles during the year and the wire mileage from 367,721 to 368,583 miles.

The total number of employees was 6,637, or a decrease of 694 from the 1930 total, and salaries and wages for the year amounted to \$7,875,058, excluding \$307,076 commissions paid by the Canadian National and Canadian Pacific systems to operators not considered employees of their commercial telegraph systems.

The number of telegraph offices in Canada decreased from 4,661 to 4,474. These included offices of Canadian companies located in other countries, principally in the United States; 36 in 1931 and 37 in 1930.

Telegrams transmitted, including messages originated at Canadian stations and messages received from the United States lines destined to Canadian stations, amounted to 13,200,198, which was 2,358,026 fewer than were transmitted in 1930. The total number of cablegrams sent was 990,403 and cablegrams received numbered 5,109,310 which included 4,326,373 relayed to the United States by the Western Union Telegraph Company at their Canso station. Excluding these relays, the number of cablegrams received amounted to 782,937. For the Marconi Wireless System, only messages from land to land were included with cablegrams. Wireless messages to and from ships and stations were included with telegrams. Wireless messages originating at stations of other companies and forwarded over their wires to Marconi stations were included by those companies with cablegrams and the statistics contain duplications to that extent. The various types of commercial wireless messages transmitted by the Marconi System are shown separately, but these do not include the service messages to and from ships and stations.

During the year \$7,475,928 was transferred by telegraph, against \$10,213,475 in 1930.

The telegraph and cable companies reported new construction valued at \$1,089,413 and alterations and repair work costing \$1,179,376, or a total of expenditure for construction of \$2,268,789 for the year. This was only slightly more than half the 1930 expenditures, new construction declining by \$1,306,466, or 54 per cent.

Poles used numbered 24,045 and cost \$128,825. Other materials used included 137 tons of galvanized wire valued at \$11,804, 244 tons of copper wire valued at \$93,006 and batteries and other materials valued at \$1,062,430.



# TELEGRAPH STATISTICS

Table 1.

## CAPITAL STOCK

Year ended December 31, 1931

Company	: Common : Stock	: Preferred: : Stock	Total : Stock	: Funded : Debt	: Total
Canadian National Telegraphs	\$873,625	....	1/\$873,625	2/\$800,000	\$1,673,625
Canadian Pacific Railway Co.	Included in railway report				
Dominion Government Telegraph Service.....	....	....	....	....	....
Halifax & Bermudas Cable Co.	234,000	....	234,000	307,874	541,874
Canadian Marconi Wireless Co.	4,554,682	....	4,554,682	....	4,554,682
North American Telegraph Co.	200,000	....	200,000	....	200,000
Pacific Cable Board	....	....	....	....	....
Temiskaming & N. Ontario Ry. Comm.	....	....	....	....	....
Western Union Telegraph Co.	....	....	....	....	....
Total	5,862,307	....	5,862,307	1,107,874	6,970,181

Table 2.

## COST OF PROPERTY & EQUIPMENT

Year ended December 31  
1931 1930

Canadian National Telegraphs	\$18,748,528	\$19,041,453
Canadian Pacific Railway Co.	16,443,549	15,728,708
Dominion Government Telegraph Service	2,622,721	2,619,597
Halifax & Bermudas Cable Co.	27,258	27,258
Canadian Marconi Wireless Co.	1,292,261	1,462,270
North American Telegraph Co.	16,126	15,959
Pacific Cable Board	....	....
Temiskaming & N. Ontario Ry. Comm.	211,673	217,077
Western Union Telegraph Co.	1,516,228	1,407,728
Total	40,878,344	40,520,050

Table 3.

## GROSS REVENUE

Canadian National Telegraphs	\$4,989,311	\$6,203,649
Canadian Pacific Railway Co.	4,457,292	5,412,353
Dominion Government Telegraph Service	242,441	356,469
Halifax & Bermudas Cable Co.	256,775	272,458
Canadian Marconi Wireless Co.	775,792	870,740
North American Telegraph Co.	535,145	708,804
Pacific Cable Board	131,088	119,725
Temiskaming & N. Ontario Ry. Comm.	71,766	85,384
Western Union Telegraph Co.	132,119	235,415
Total	11,641,729	14,264,997

## Source

Local Messages	\$5,475,473	\$6,593,665
Conjoint Messages	1,866,937	2,292,693
Press Reports	299,033	333,221
Market Reports	354,585	598,544
Cablegrams	1,088,646	1,265,988
Money Orders	146,940	167,173
Leased Wires	1,685,229	2,223,942
Miscellaneous	724,386	789,771
Total	11,641,729	14,264,997

1/ \$866,575 held by Canadian National Railways.  
2/ Funded debt held by Canadian National Railways.





TELEGRAPH STATISTICS

Table 4.

OPERATING EXPENSES

Company	Year ended Dec. 31st	
	1931	1930
Canadian National Telegraphs	\$ 4,951,735	\$ 5,393,442
Canadian Pacific Railway Company	3,058,655	3,275,789
Dominion Government Telegraph Service	673,380	693,172
Halifax and Bermudas Cable Company	122,522	98,378
Canadian Marconi Wireless Company	704,781	754,109
North American Telegraph Company	532,088	703,117
Pacific Cable Board	422,445	462,095
Temiskaming and Northern Ontario Rly. Commission	40,008	37,058
Western Union Telegraph Company	215,335	374,131
Total	10,720,949	11,791,291

  

Source		
Maintenance -- Line and equipment	\$1,941,306	\$1,756,321
Buildings, offices, etc.	18,836	112,560
Operation -- Salaries of operators, agents, etc.	5,947,946	6,650,645
Commissions	350,222	537,968
Local office expenses, materials	987,966	1,067,355
General -- Salaries of general office clerks and officers	640,918	703,518
Insurance	25,675	22,193
Legal expenses	8,087	8,087
Miscellaneous	799,993	932,644
Total	10,720,949	11,791,291

Table 5.

NET OPERATING REVENUE

Company		
Canadian National Telegraphs	\$ 37,576	\$ 810,207
Canadian Pacific Railway Company	1,398,637	2,136,564
Dominion Government Telegraph Service	Dr. 430,939	Dr. 336,703
Halifax and Bermudas Cable Company	134,253	174,080
Canadian Marconi Wireless Company	71,011	116,631
North American Telegraph Company	3,057	5,687
Pacific Cable Board	Dr. 291,357	Dr. 342,370
Temiskaming and Northern Ontario Rly. Commission	31,758	48,326
Western Union Telegraph Company	Dr. 33,216	Dr. 138,716
Total	920,780	2,473,706



11  
TELEGRAPH STATISTICS

<u>Table 2. INCOME ACCOUNT</u>				
<u>Company</u>	<u>Additions to Income</u>		<u>Gross Corporate Income</u>	
	<u>Year ended Dec. 31st</u>		<u>Year ended Dec. 31st</u>	
	1931	1930	1931	1930
Canadian National Telegraphs	\$ 62,237	\$ 65,040	\$ 99,813	\$ 875,247
Canadian Pacific Railway Co.	...	...	1,398,637	2,136,564
Dominion Govt. Telegraph Service	...	...	Dr. 430,939	Dr. 336,703
Halifax & Bermudas Cable Co.	6,909	126	141,162	174,205
Canadian Marconi Wireless Co.	1,849,960	1,863,052	1,920,971	1,979,683
North American Telegraph Co.	5,242	5,244	8,299	10,931
Pacific Cable Board	...	...	Dr. 291,357	Dr. 342,370
Temiskaming & Northern Ont. Ry. Comm.	...	...	31,758	48,326
Western Union Telegraph Co.	...	...	Dr. 33,216	Dr. 138,716
Total	1,924,348	1,933,462	2,845,128	4,407,168
<u>Company</u>	<u>Deductions from Income</u>		<u>Net Corporate Income</u>	
	<u>1931</u>		<u>1931</u>	
	1931	1930	1931	1930
Canadian National Telegraphs	\$1,231,677	\$ 990,570	Dr. \$1,131,864	Dr. \$115,323
Canadian Pacific Railway Co.	319,025	301,874	1,079,612	1,834,690
Dominion Govt. Telegraph Service	...	...	Dr. 430,939	Dr. 336,703
Halifax & Bermudas Cable Co.	...	38,117	141,162	136,089
Canadian Marconi Wireless Co.	1,784,893	1,690,627	136,078	289,056
North American Telegraph Co.	4,249	4,311	4,050	6,620
Pacific Cable Board	...	...	Dr. 291,357	Dr. 342,370
Temiskaming & Northern Ont. Ry. Comm.	...	...	31,758	48,326
Western Union Telegraph Co.	434	361	Dr. 33,650	Dr. 139,077
Total	3,340,278	3,025,860	Dr. 495,150	1,381,308

Table 7. POLE LINE MILEAGE

<u>Company</u>	<u>Year ended Dec. 31st</u>	
	1931	1930
Canadian National Telegraphs	24,627	24,828
Canadian Pacific Railway Co.	17,522	16,919
Dominion Government Telegraph Service	9,300	9,351
Temiskaming & Northern Ontario Railway Commission	593	549
Western Union Telegraph Company	1,186	1,177
Total	53,228	52,824
<u>Province</u>	<u>Year ended Dec. 31st</u>	
	1931	1930
Prince Edward Island	280	276
Nova Scotia	2,963	3,241
New Brunswick	2,516	2,693
Quebec	6,953	6,928
Ontario	12,133	11,466
Manitoba	4,251	4,535
Saskatchewan	9,128	8,834
Alberta	6,269	5,950
British Columbia	7,636	7,581
Yukon	650	650
Newfoundland	14	14
United States	435	656
Total	53,228	52,824





# TELEGRAPH STATISTICS

Table 8.

## WIRE MILEAGE

Company	Year ended Dec. 31st	
	1931	1930
Canadian National Telegraphs	166,594	169,163
Canadian Pacific Railway Co.	175,568	x 172,210
Dominion Government Telegraph Service	11,666	11,399
Halifax and Bermudas Cable Co.	10	...
North American Telegraph Company	445	445
Temiskaming and Northern Ontario Rly. Commission	3,285	3,513
Western Union Telegraph Company	11,015	10,991
Total	368,583	x 367,721
Province		
Prince Edward Island	890	886
Nova Scotia	15,212	15,775
New Brunswick	15,629	16,569
Quebec	44,451	44,868
Ontario	131,242	128,239
Manitoba	32,226	33,737
Saskatchewan	48,944	47,765
Alberta	38,007	38,074
British Columbia	34,537	x 33,896
Yukon	653	653
Newfoundland	14	14
United States	6,778	7,245
Total	368,583	x 367,721
Class		
Iron - Overhead	163,376	x 163,090
Copper - Overhead	193,151	x 193,392
" - Overhead in cables	3,102	x 2,925
" - Underground	7,754	x 7,192
" - Submarine	1,200	x 1,122
Total	368,583	x 367,721

Table 9.

## EMPLOYEES AND SALARIES

Company	Year ended Dec. 31st			
	1931		1930	
	No.	Amount	No.	Amount
		\$		\$
Canadian National Telegraphs	(1) 3,290	(1) 4,021,724	(3) 3,747	(3) 4,650,221
Canadian Pacific Railway Co.	(2) 2,046	(2) 2,509,531	(4) 2,075	(4) 2,582,206
Dominion Govt. Telegraph Service	748	467,459	933	513,351
Halifax & Bermudas Cable Co.	11	11,853	20	29,132
Canadian Marconi Wireless	258	345,791	266	359,809
North American Telegraph Co.	16	15,365	16	15,473
Pacific Cable Board	117	231,446	123	237,330
Temiskaming & Northern Ont. Ry. Comm.	28	24,747	27	22,946
Western Union Telegraph Co.	123	247,142	124	263,985
Total	6,637	7,875,058	7,331	8,674,453
Class				
Operators - Male	1,964		2,231	
Female	752		858	
Other officers and employees	3,921		4,242	
Total	6,637		7,331	

(1)	Excluding 1,546	commission operators -	Commissions	\$181,291
(2)	"	215	"	125,785
(3)	"	1,861	"	229,762
(4)	"	132	"	160,087

x - Revised figures.



# TELEGRAPH STATISTICS

Table 10

## NUMBER OF OFFICES

Company	Year ended Dec. 31st			
	1931		1930	
Canadian National Telegraphs	(1)	2,092	(1)	2,130
Canadian Pacific Railway Co.	(2)	1,535	(6)	1,639
Dominion Government Telegraph Service	(3)	756	(3)	796
Halifax & Bermudas Cable Co.	(4)	3	(4)	3
Canadian Marconi Wireless Co.	(5)	30	(5)	30
North American Telegraph Co.		16		18
Pacific Cable Board		4		4
Temiskaming & N. Ontario Ry. Comm.		38		41
Western Union Telegraph Co.		..		..
Total		4,474		4,661

- (1) Includes 7 outside of Canada  
 (2) " 13 " " "  
 (3) " 2 in Newfoundland  
 (4) " 2 outside of Canada  
 (5) " 12 " " "  
 (6) " 14 " " "

## Province

Prince Edward Island	34	34
Nova Scotia	252	259
New Brunswick	155	166
Quebec	803	858
Ontario	1,198	1,229
Manitoba	307	330
Saskatchewan	672	696
Alberta	387	393
British Columbia	615	644
Yukon	15	15
Outside of Canada	36	37
Total	4,474	4,661

Table 11.

## MESSAGES

### Telegrams Sent (By Provinces)

Province	1931	1930
Prince Edward Island	66,775	74,420
Nova Scotia	684,812	798,883
New Brunswick	528,495	641,331
Quebec	2,181,448	2,529,709
Ontario	3,747,543	3,990,359
Manitoba	1,039,151	1,379,944
Saskatchewan	615,652	844,628
Alberta	779,818	991,603
British Columbia	1,331,042	1,583,596
Yukon	102,888	106,279
Outside of Canada #	23,764	30,231
# On Canadian lines in U.S.A.		
Total	11,101,388	12,970,983

## MESSAGES SENT AND RECEIVED

### Land Messages

	1931		1930	
	: Received	:	: Received	:
Company	Sent	: from U.S.A.:	Sent	: from U.S.A.:
Canadian National Telegraphs	5,859,259	1,415,536	6,643,102	1,927,469
Canadian Pacific Railway Co.	4,653,386	612,708	5,645,624	570,867
Dominion Government Telegraph Service	411,806	.....	495,562	.....
Canadian Marconi Wireless Co.	+ 23,118	+ 37,328	+ 23,520	+ 51,464
North American Telegraph Co.	39,212	29,855	44,323	34,359
Temiskaming & N. Ont. Ry. Comm.	114,607	3,383	113,852	3,082
Western Union Telegraph Co.	.....	.....	.....	.....
Total	11,101,388	2,098,810	12,970,983	2,587,241
Total messages handled	13,200,198		15,558,224	
+ Messages to and from ships and stations.				





TELEGRAPH STATISTICS

Table 11 - Cont'd.

NUMBER OF CABLEGRAMS

Company	1931		1930	
	Sent	: Received	Sent	: Received
Canadian National Telegraphs	(1) 336,411	(1) 259,207	(1) 411,137	(1) 332,510
Canadian Pacific Railway Co.	308,145	307,616	339,975	313,853
Halifax & Bermudas Cable Co.	86,181	112,258	90,732	112,258
Canadian Marconi Wireless Co.	(2) 115,107	(2) 90,900	(2) 115,491	(2) 117,855
North American Telegraph Co.	819	947	797	846
Pacific Cable Board	15,004	11,372	17,846	15,096
Temiskaming & N. Ontario Ry. Comm.	1,081	637	956	550
Western Union Telegraph Co.	127,655	(3) 4,326,373	165,762	(3) 4,709,556
Total	990,403	5,109,310	1,142,696	5,602,524
Total excluding relays		782,937		892,968

- (1) Includes messages to and from wireless stations  
 (2) Includes only messages from land to land.  
 (3) Cablegrams relayed

/ MARCONI WIRELESS MESSAGES

	Year ended Dec. 31st					
	Nova Scotia		Quebec		Ontario	
	1931	: 1930	1931	: 1930	1931	: 1930
Private messages sent to ships and stations .....	6,644	6,983	9,065	12,371	3,298	4,037
Private messages received from ships and stations .....	10,563	15,100	11,520	16,757	8,017	11,032
Messages sent to Government ships .....	358	277	1,162	1,415	304	375
Messages received from Government ships .....	772	736	1,948	1,825	502	454
Government messages sent to stations .....	1,016	1,004	1,008	1,747	263	311
Government messages received from stations .....	1,729	2,238	2,034	3,072	243	250
Total	21,082	26,338	26,737	37,187	12,627	16,459

/ Included in total of telegrams.

Table 12.

MONEY TRANSFERS FORWARDED

(Including those received from Foreign Countries)

Company	Year ended Dec. 31st	
	1931	1930
Canadian National Telegraphs	\$6,097,391	\$8,437,203
Canadian Pacific Railway Company	1,363,405	1,755,397
North American Telegraph Company	15,132	20,375
Western Union Telegraph Company	.....	.....
Total	7,475,928	10,213,475



56-701

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**DEPARTMENT OF TRADE AND COMMERCE**

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**TRANSPORTATION BRANCH**

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**TELEGRAPH STATISTICS**

**FOR**

**1932**

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Published by Authority of the HON. H. H. STEVENS, M. P.,  
Minister of Trade and Commerce.

OTTAWA

1933





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

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Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1 9 3 2

For the third successive year telegraph and cable companies' gross and net revenues and income have shown decreases. Gross revenues decreased from \$11,641,729 in 1931 to \$9,381,075 in 1932, net revenues decreased from \$920,780 to \$361,023 and the net corporate income debit increased from \$495,150 to \$1,130,018.

The number of employees was reduced from 6,637 in 1931 to 5,788, or by 12.8 per cent, and the salaries and wages were cut by \$1,247,453, or 15.8 per cent.

The pole line mileage amounted to 52,362 miles, or a decrease from the previous year of 866 miles, and the wire mileage decreased from 368,583 to 366,142 miles.

The number of telegrams, which includes messages originated in Canada and messages received from the United States connections for forwarding and delivering in Canada, amounted to 10,519,433 as against 13,200,198 in 1931. The decrease in messages originated in Canada was 18.2 per cent and in messages received from United States connections, 31.6 per cent. Cablegrams, which include only messages from land to land and exclude all wireless messages to and from boats at sea, decreased from 1,733,340 in 1931 to 1,506,393. These totals also exclude messages to and from the United States which are only relayed at the Canso station of the Western Union Telegraph Company.

Money transferred by telegraph amounted to \$4,698,660 as against \$7,475,928 in 1931 and \$11,295,857 in 1929, the peak year.

Little construction work was carried on during the year, the total being valued at only \$305,737 as against \$1,089,413 in 1931. Maintenance amounted to \$922,923, or \$56,453 less than in 1931.

# TELEGRAPH STATISTICS

Table 1.

Year	Cost of Property & Equipment \$	Gross Revenues \$	Operating Expenses \$	Net Revenues \$	Net Corporate Income \$
1923	19,793,694	10,583,447	9,305,199	1,278,248	1,401,593
1924	19,536,617	10,930,020	9,603,620	1,326,400	1,199,930
1925	19,837,700	11,520,322	9,681,200	1,839,122	1,349,958
1926	26,443,851	12,143,388	10,166,040	1,977,348	1,448,298
1927	29,063,590	12,990,549	10,600,412	2,390,137	1,982,123
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,256,441	12,590,364	3,666,077	2,676,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018

Year	Pole Line Mileage	Wire Mileage	Employees	Salaries and Wages \$
1923	53,383	306,052	6,603	6,092,413
1924	54,742	268,632	7,247	7,016,008
1925	51,726	284,121	7,224	7,691,690
1926	52,612	305,933	6,755	7,640,119
1927	52,731	323,539	7,238	7,957,064
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605

Year	Telegrams		Cablegrams <sup>o</sup>	Money Transfers \$
	Sent	Received from United States		
1923	16,150,106		1,302,224	5,326,352
1924	10,813,230	4,647,581	1,506,806	6,428,080
1925	11,436,664	2,747,324	1,557,235	6,680,595
1926	12,199,068	2,735,615	1,733,332	7,790,127
1927	12,664,674	2,966,233	1,930,758	9,241,864
1928	13,619,200	3,238,020	2,242,178	9,776,090
1929	14,643,112	3,386,861	2,050,404	11,295,857
1930	12,970,983	2,587,241	2,035,664	10,213,475
1931	11,101,388	2,098,810	1,773,340	7,475,928
1932	9,083,776	1,435,657	1,506,393	4,698,660

<sup>^</sup> Excludes commission operators.

<sup>o</sup> Excludes cablegrams relayed and wireless messages to ships.

Table 2.

CAPITAL STOCK

Company	Common Stock	Preferred Stock	Total Stock	Funded Debt	Total
Canadian National Telegraphs	\$873,625	\$ .....	x\$873,625	/ \$800,000	\$1,673,625
Canadian Pacific Railway Co.		Included in Railway Report			
Dominion Government Telegraph Service	.....	.....	.....	.....	.....
Halifax & Bermudas Cable Co.	200,000	.....	200,000	266,334	466,334
Canadian Marconi Wireless Co.	4,554,682	.....	4,554,682	.....	4,554,682
North American Telegraph Co.	200,000	.....	200,000	.....	200,000
Pacific Cable Board	.....	.....	.....	.....	.....
Temiskaming & Northern Ont. Ry. Comm.	.....	.....	.....	.....	.....
Western Union Telegraph Co.	.....	.....	.....	.....	.....
Total	5,828,307	.....	5,828,307	1,066,334	6,894,641

Table 3.

COST OF PROPERTY AND EQUIPMENT

Company	Year ended December 31	
	1932	1931
Canadian National Telegraphs	\$18,762,883	\$18,748,528
Canadian Pacific Railway Co.	16,825,441	16,443,549
Dominion Government Telegraph Service	2,572,120	2,622,721
Halifax & Bermudas Cable Co.	27,257	27,258
Canadian Marconi Wireless Co.	1,151,490	1,292,261
North American Telegraph Co.	15,943	16,126
Pacific Cable Board	.....	.....
Temiskaming & Northern Ont. Ry. Comm.	202,316	211,673
Western Union Telegraph Co.	1,524,228	1,516,228
Total	41,081,678	40,878,344

Table 4.

GROSS REVENUES

Canadian National Telegraphs	\$3,964,397	\$4,989,311
Canadian Pacific Railway Co.	3,627,683	4,457,292
Dominion Government Telegraph Service	188,248	242,441
Halifax & Bermudas Cable Co.	184,873	256,775
Canadian Marconi Wireless Co.	677,646	775,792
North American Telegraph Co.	377,967	535,145
Pacific Cable Board	129,489	131,088
Temiskaming & Northern Ont. Ry. Comm.	63,882	71,766
Western Union Telegraph Co.	166,890	182,119
Total	9,381,075	11,641,729

  

Cal Messages	\$4,576,596	\$5,475,473
Joint Messages	1,379,834	1,866,937
ess Reports	280,942	299,033
arket Reports	224,963	354,585
telegrams	969,476	1,088,646
ney Orders	89,458	146,940
ased Wires	1,187,826	1,685,229
scellaneous	671,980	724,886
Total	9,381,075	11,641,729

\$866,575 held by Canadian National Railways.  
 Funded debt held by Canadian National Railways.



Table 5.

OPERATING EXPENSES

<u>Company</u>	<u>Year ended December '31</u>	
	<u>1 9 3 2</u>	<u>1 9 3 1</u>
	\$	\$
Canadian National Telegraphs	4,105,119	4,951,735
Canadian Pacific Railway Company	2,598,164	3,058,655
Dominion Government Telegraph Service	581,216	673,380
Halifax and Bermudas Cable Co.	115,542	122,522
Canadian Marconi Wireless Company	625,017	704,781
North American Telegraph Co.	378,857	532,088
Pacific Cable Board	387,838	422,445
Temiskaming & Northern Ontario Railway Commission	40,501	40,008
Western Union Telegraph Company	187,798	215,335
Total	9,020,052	10,720,949
<u>Source</u>		
Maintenance - Line and Equipment	1,740,586	1,941,306
Buildings, Offices, etc.	20,090	18,836
Operation - Salaries of Operators, Agents, etc.	4,952,524	5,947,946
Commissions	293,520	350,222
Local Office Expenses, Materials	799,820	987,966
General - Salaries of General Office Clerks & Officers	559,146	640,918
Insurance	21,675	25,675
Legal Expenses	2,077	8,087
Miscellaneous	630,614	799,993
Total	9,020,052	10,720,949

Table 6.

NET OPERATING REVENUES

<u>Company</u>		
Canadian National Telegraphs	Dr. 140,722	37,576
Canadian Pacific Railway Company	1,029,519	1,398,637
Dominion Government Telegraph Service	Dr. 392,968	Dr. 430,939
Halifax and Bermudas Cable Co.	69,331	134,253
Canadian Marconi Wireless Company	52,629	71,011
North American Telegraph Company	Dr. 890	3,057
Pacific Cable Board	Dr. 258,349	Dr. 291,357
Temiskaming & Northern Ontario Railway Commission	23,381	31,758
Western Union Telegraph Company	Dr. 20,908	Dr. 33,216
Total	361,023	920,780

Table 7.

INCOME ACCOUNT

Company	Year ended December 31			
	Additions to Income		Gross Corporate Income	
	1932	1931	1932	1931
	\$	\$	\$	\$
Canadian National Telegraphs	68,682	62,237	Dr. 72,040	99,813
Canadian Pacific Railway Co.	...	...	1,029,519	1,398,637
Dominion Govt. Telegraph Service	...	...	Dr. 392,968	Dr. 430,939
Halifax & Bermudas Cable Co.	6,300	6,909	75,631	141,162
Canadian Marconi Wireless Co.	1,048,278	1,849,960	1,100,907	1,920,971
North American Telegraph Co.	5,044	5,242	4,154	8,299
Pacific Cable Board	...	...	Dr. 258,349	Dr. 291,357
Temiskaming & Northern Ont. Ry. Comm.	...	...	23,381	31,758
Western Union Telegraph Co.	...	...	Dr. 20,908	Dr. 33,216
Total	1,128,304	1,924,348	1,489,327	2,845,128

Company	Deductions from Income		Net Corporate Income	
	1932	1931	1932	1931
	\$	\$	\$	\$
Canadian National Telegraphs	1,214,569	1,231,677	Dr. 1,286,609	Dr. 1,131,864
Canadian Pacific Railway Co.	232,335	319,025	797,184	1,079,612
Dominion Government Telegraph Service	...	...	Dr. 392,968	Dr. 430,939
Halifax & Bermudas Cable Co.	10,032	...	65,599	141,162
Canadian Marconi Wireless Co.	1,157,525	1,784,893	Dr. 56,618	136,078
North American Telegraph Co.	4,323	4,249	Dr. 169	4,050
Pacific Cable Board	...	...	Dr. 258,349	Dr. 291,357
Temiskaming & Northern Ont. Ry. Comm.	...	...	23,381	31,758
Western Union Telegraph Co.	561	434	Dr. 21,469	Dr. 33,650
Total	2,619,345	3,340,278	Dr. 1,130,018	Dr. 495,150

Table 8.

POLE LINE MILEAGE

Company	Year ended December 31	
	1932	1931
Canadian National Telegraphs	24,018	24,627
Canadian Pacific Railway Company	17,490	17,522
Dominion Government Telegraph Service	9,077	9,300
Temiskaming and Northern Ontario Rly. Commission	593	593
Western Union Telegraph Company	1,184	1,186
Total	52,362	53,228
<u>Province</u>		
Prince Edward Island	280	280
Nova Scotia	2,962	2,963
New Brunswick	2,483	2,516
Quebec	6,772	6,953
Ontario	11,657	12,133
Manitoba	4,251	4,251
Saskatchewan	9,136	9,128
Alberta	6,180	6,269
British Columbia	7,585	7,636
Yukon	555	650
Newfoundland	14	14
United States	487	435
Total	52,362	53,228

Table 9.

WIRE MILEAGE

Company		
Canadian National Telegraphs	166,172	166,594
Canadian Pacific Railway Company	175,720	175,568
Dominion Government Telegraph Service	11,316	11,666
Halifax and Bermudas Cable Co.	10	10
North American Telegraph Co.	445	445
Temiskaming & Northern Ontario Ry. Commission	3,111	3,285
Western Union Telegraph Company	9,368	11,015
Total	366,142	368,583
<u>Province</u>		
Prince Edward Island	890	890
Nova Scotia	15,224	15,212
New Brunswick	15,846	15,629
Quebec	43,841	44,451
Ontario	128,802	131,242
Manitoba	32,225	32,226
Saskatchewan	49,101	48,944
Alberta	37,946	38,007
British Columbia	34,435	34,537
Yukon	653	653
Newfoundland	14	14
United States	7,165	6,778
Total	366,142	368,583

Table 9- Continued

WIRE MILEAGE

Class	Year ended December 31	
	1932	1931
Iron - Overhead	160,934	163,376
Copper - Overhead	192,803	193,151
" - Overhead in cables	3,431	3,102
" - Underground	7,943	7,754
" - Submarine	1,031	1,200
Total	366,142	368,583

Table 10.

EMPLOYEES AND SALARIES

Company	Year ended December 31			
	1932		1931	
	No.	Amount	No.	Amount
Canadian National Telegraphs	(1) 2,818	\$ 3,318,159	(3) 3,290	\$ 4,021,724
Canadian Pacific Railway Company	(2) 1,746	2,097,518	(4) 2,046	2,509,531
Dominion Govt. Telegraph Service	729	453,683	748	467,459
Halifax & Bermudas Cable Co.	12	10,236	11	11,853
Canadian Marconi Wireless	211	311,423	258	345,791
North American Telegraph Company	16	14,435	16	15,365
Pacific Cable Board	117	208,868	117	231,446
Temiskaming & Northern Ont. Ry. Comm.	28	22,614	28	24,747
Western Union Telegraph Company	111	190,669	123	247,142
Total	5,788	6,627,605	6,637	7,875,058
Class				
Operators-				
Male	1,744		1,964	
Female	640		752	
Other officers and employees	3,374		3,921	
Total	5,788		6,637	

1) Excluding 1,585 Commission Operators .....	Commissions	\$159,182
2) " 152 " " .....	"	114,394
3) " 1,546 " " .....	"	181,291
4) " 215 " " .....	"	125,785



Table 11.

NUMBER OF OFFICES

Company	Year ended December 31					
	1 9 3 2			1 9 3 1		
Canadian National Telegraphs	(1)	2,011		(1)	2,092	
Canadian Pacific Railway Company	(2)	1,394		(3)	1,535	
Dominion Government Telegraph Service	(4)	756		(4)	756	
Halifax and Bermudas Cable Co.	(5)	3		(5)	3	
Canadian Marconi Wireless Company	(6)	30		(6)	30	
North American Telegraph Company		16			16	
Pacific Cable Board		3			4	
Temiskaming and Northern Ontario Rly. Comm.		35			38	
Western Union Telegraph Company						
Total		4,248			4,474	

(1) Includes 7 outside of Canada

(2) " 12 " " "

(3) " 13 " " "

(4) Includes 2 in Newfoundland

(5) " 2 outside of Canada

(6) " 12 " " "

Province

Prince Edward Island	34	34
Nova Scotia	242	252
New Brunswick	150	155
Quebec	782	803
Ontario	1,046	1,198
Manitoba	317	307
Saskatchewan	647	672
Alberta	379	387
British Columbia	601	615
Yukon	15	15
Outside of Canada	35	36
Total	4,248	4,474

Table 12.

MESSAGES

Telegrams Sent, By Provinces

Prince Edward Island	96,861	66,775
Nova Scotia	551,039	684,812
New Brunswick	403,570	528,495
Quebec	1,759,422	2,181,448
Ontario	3,054,271	3,747,543
Manitoba	822,067	1,039,151
Saskatchewan	524,781	615,652
Alberta	674,244	779,818
British Columbia	1,103,038	1,331,042
Yukon	79,682	102,888
Outside of Canada /	14,801	23,764
Total	9,083,776	11,101,388

/ On Canadian lines in the United States.

Table 13.

MESSAGES SENT AND RECEIVED

Land Messages

Company	1 9 3 2		1 9 3 1	
	Sent	Received from United States	Sent	Received from United States
Canadian National Telegraphs	4,632,621	929,656	5,859,259	1,415,536
Canadian Pacific Railway Co.	3,960,053	442,643	4,653,386	612,708
Dominion Govt. Telegraph Service	336,256	...	411,806	...
Canadian Marconi Wireless Co.	x 23,725	x 35,614	x 23,118	x 37,528
North American Telegraph Co.	32,540	25,031	39,212	29,855
Temiskaming & Northern Ont. Ry. Comm.	98,581	2,713	114,607	3,328
Western Union Telegraph Co.	...	...	...	...
Total	9,083,776	1,435,657	11,101,388	2,098,810
Total Messages Handled	10,519,433		13,200,198	

x - Messages to and from ships and stations.

Table 14.

NUMBER OF CABLEGRAMS

Company	1 9 3 2		1 9 3 1	
	Sent	Received	Sent	Received
Canadian National Telegraphs	(1) 258,767	(1) 185,212	(1) 336,411	(1) 259,207
Canadian Pacific Railway Co.	282,570	290,318	308,145	307,616
Halifax & Bermudas Cable Co.	80,538	88,573	86,181	112,258
Canadian Marconi Wireless Co.	(2) 95,213	(2) 77,404	(2) 115,107	(2) 90,900
North American Telegraph Co.	768	1,049	819	947
Pacific Cable Board	17,333	10,248	15,004	11,372
Temiskaming & Northern Ont. Ry. Comm.	1,032	649	1,081	637
Western Union Telegraph Co.	116,719	(3) 4,157,778	127,655	4,326,373
Total	852,940	4,811,231	990,403	5,109,310
Total excluding relays		653,453		782,937

(1) Includes messages to and from wireless stations.

(2) Includes only messages from land to land. (3) Cablegrams relayed.

Table 15.

MARCONI WIRELESS MESSAGES

Year ended December 31

	Nova Scotia		Quebec		Ontario	
	1932	1931	1932	1931	1932	1931
Private messages sent to ships and stations	7,175	6,644	7,004	9,065	3,011	3,298
Private messages received from ships and stations	7,495	10,563	11,074	11,520	7,677	8,017
Messages sent to Govt. Ships	595	358	1,506	1,162	505	...
Messages rec'd from Govt. Ships	970	772	1,273	1,948	392	...
Govt. messages sent to stations	1,761	1,016	1,888	1,008	280	...
Govt. messages rec'd from stations	1,979	1,729	4,490	2,034	264	243
Total	19,975	21,082	27,235	26,737	12,129	12,627

Included in total telegrams.

Table 16.

MONEY TRANSFERS FORWARDED  
Including those received from Foreign Countries

Company	Year ended December 31	
	1 9 3 2	1 9 3 1
Canadian National Telegraphs	3,696,770	6,097,391
Canadian Pacific Railway Company	989,996	1,363,405
North American Telegraph Company	11,894	15,132
Western Union Telegraph Company	...	...
Total	4,698,660	7,475,928

Table 17.

MATERIALS USED

	Unit of Measurement	Quantity	Cost Value Delivered at Works
Poles, telegraph	No.	5,723	\$ 30,213
Wire, galvanized	Tons	57.5	6,241
Wire, copper	Tons	78.5	24,022
Storage batteries	No.	1,814	1,211
Other materials			500,459
Total			562,146

Table 18.

VALUE OF WORK CARRIED OUT

	New Construction	Alteration and Maintenance Repair Work	Total
Telegraphic lines and works	\$300,124	\$906,366	\$1,206,490
All other works of construction	5,613	16,557	22,170
Total	305,737	922,923	1,228,660

56-701

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# **CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

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## **TELEGRAPH STATISTICS**

**FOR**

**1933**

---

Published by Authority of the HON. H. H. STEVENS, M.P.,  
Minister of Trade and Commerce.

OTTAWA

1934





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1 9 3 3

Gross revenues of all telegraph and cable companies operating in Canada showed a further decrease in revenue during 1933. Gross revenues amounted to \$9,267,715, as against \$9,381,075 in 1932 and \$11,641,729 in 1931. The operating expenses, however, were reduced from \$10,720,949 in 1931 and \$9,020,052 in 1932 to \$8,122,964 in 1933, the net revenue being \$1,144,751 in 1933 compared with \$361,023 in 1932 and the net corporate income debit decreasing from \$1,130,018 to \$157,458.

The pole line mileage amounted to 52,112 miles which was 150 miles less than for 1932 and the wire mileage amounted to 365,489 miles, a decrease of 653 miles from 1932.

The total number of employees was 5,263, or a decrease of 525 from the 1932 total, and salaries and wages for the year amounted to \$5,870,433, excluding \$349,305 commissions paid by the Canadian National and the Canadian Pacific systems to operators not considered employees of these commercial telegraph systems.

Telegrams transmitted, including messages originated at Canadian stations and messages received from United States lines destined to Canadian stations, amounted to 10,135,653 as against 10,519,433 in 1932 or a decrease of 3.6 per cent. The messages originated in Canada decreased by 6.3 per cent while messages received from United States connections increased by 13.1 per cent. Cablegrams, which included only messages from land to land and excluded all wireless messages to and from boats at sea, increased from 1,506,393 in 1932 to 1,589,117 in 1933. These totals also exclude messages to and from the United States which are only relayed at the Canso station of the Western Union Telegraph Company.

During the year \$3,632,910 was transferred by telegraph as against \$4,698,660 in 1932.

The telegraph and cable companies reported new construction valued at \$226,579 as compared with \$305,737 in 1932 and maintenance amounted to \$617,394 compared with \$922,923 in 1932.

Table 1.

TELEGRAPH STATISTICS

Year	Cost of Property & Equipment \$	Gross Revenues \$	Operating Expenses \$	Net Revenues \$	Net Corporate Income \$
1924	19,536,617	10,930,020	9,603,620	1,326,400	1,199,930
1925	19,837,700	11,520,322	9,681,200	1,839,122	1,349,958
1926	26,443,851	12,143,388	10,166,040	1,977,348	1,448,298
1927	29,063,590	12,990,549	10,600,412	2,390,137	1,982,123
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,256,441	12,590,364	3,666,077	2,676,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458

  

Year	Pole Line Mileage	Wire Mileage	Employees <sup>f</sup>	Salaries and Wages \$
1924	54,742	268,632	7,247	7,016,008
1925	51,726	284,121	7,224	7,691,690
1926	52,612	305,933	6,755	7,640,119
1927	52,731	323,539	7,238	7,957,064
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433

  

Year	Telegrams		Cablegrams <sup>g</sup>	Money Transfers \$
	Sent	Received from United States		
1924	10,813,230	4,647,581	1,506,806	6,428,080
1925	11,436,664	2,747,324	1,557,235	6,680,595
1926	12,199,068	2,735,615	1,733,332	7,790,127
1927	12,664,674	2,966,233	1,930,758	9,241,864
1928	13,619,200	3,238,020	2,242,178	9,776,090
1929	14,643,112	3,386,861	2,050,404	11,295,857
1930	12,970,983	2,587,241	2,035,664	10,213,475
1931	11,101,388	2,098,810	1,773,340	7,475,928
1932	9,083,776	1,435,657	1,506,393	4,698,660
1933	8,512,020	1,623,633	1,589,117	3,632,910

<sup>f</sup> Excludes commission operators.

<sup>g</sup> Excludes cablegrams relayed and wireless messages to ships.



Table 2.

CAPITAL STOCK

Company	Common Stock	Preferred Stock	Total Stock	Funded Debt	Total
Canadian National Telegraphs	\$ 873,625	.....	x\$873,625	/ \$800,000	\$1,673,625
Canadian Pacific Railway Co.		Included	in Railway Report		
Dominion Govt. Telegraph Service	.....	.....	.....	.....	.....
Halifax & Bermudas Cable Co.	231,500	.....	231,500	311,977	543,477
Canadian Marconi Wireless Co.	4,554,682	.....	4,554,682	.....	4,554,682
North American Telegraph Co.	200,000	.....	200,000	.....	200,000
Pacific Cable Board	.....	.....	.....	.....	.....
Temiskaming & N. Ont. Ry. Comm.	.....	.....	.....	.....	.....
Western Union Telegraph Co.	.....	.....	.....	.....	.....
Total	5,859,807	.....	5,859,807	1,111,977	6,971,784

Table 3.

COST OF PROPERTY AND EQUIPMENT

Company	Year ended December 31	
	1933	1932
Canadian National Telegraphs	\$18,829,379	\$18,762,883
Canadian Pacific Railway Company	16,901,804	16,825,441
Dominion Government Telegraph Service	2,447,534	2,572,120
Halifax & Bermudas Cable Company	27,257	27,257
Canadian Marconi Wireless Company	1,218,996	1,151,490
North American Telegraph Company	15,943	15,943
Pacific Cable Board	.....	.....
Temiskaming & Northern Ontario Railway Commission	202,316	202,316
Western Union Telegraph Company	1,582,728	1,524,228
Total	41,225,957	41,081,678

Table 4.

GROSS REVENUES

Canadian National Telegraphs	\$3,926,583	\$3,964,397
Canadian Pacific Railway Company	3,552,173	3,627,683
Dominion Government Telegraph Service	146,084	188,248
Halifax and Bermudas Cable Company	211,161	184,873
Canadian Marconi Wireless Company	680,005	677,646
North American Telegraph Company	398,499	377,967
Pacific Cable Board	141,688	129,489
Temiskaming & Northern Ontario Railway Commission	71,765	63,882
Western Union Telegraph Company	139,757	166,890
Total	9,267,715	9,381,075
Source		
Local Messages	\$4,184,854	\$4,576,596
Conjoint Messages	1,443,504	1,379,834
Press Reports	250,136	280,942
Market Reports	314,343	224,963
Cablegrams	879,886	969,476
Money Orders	73,129	89,458
Leased Wires	1,466,718	1,187,826
Miscellaneous	655,145	671,980
Total	9,267,715	9,381,075

x - \$866,575 held by Canadian National Railways.

/ - Funded debt held by Canadian National Railways.



Table 5.

OPERATING EXPENSES

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
	\$	\$
Canadian National Telegraphs	3,589,959	4,105,119
Canadian Pacific Railway Company	2,488,941	2,598,164
Dominion Government Telegraph Service	461,739	581,216
Halifax and Bermudas Cable Company	110,749	115,542
Canadian Marconi Wireless Company	542,314	625,017
North American Telegraph Company	398,953	378,857
Pacific Cable Board	336,667	387,838
Temiskaming & Northern Ontario Ry. Commission	32,930	40,501
Western Union Telegraph Company	160,712	187,798
Total	8,122,964	9,020,052
<u>Source</u>		
Maintenance -- Line and Equipment	1,388,181	1,740,586
Buildings, Offices, etc.	13,676	20,090
Operation -- Salaries of Operators, Agents, etc.	4,418,467	4,952,524
Commissions	289,106	293,520
Local Office Expenses, Materials	921,689	799,820
General -- Salaries of General Office Clerks & Officers	451,260	559,146
Insurance	17,858	21,675
Legal Expenses	3,408	2,077
Miscellaneous	619,319	630,614
Total	8,122,964	9,020,052

Table 6.

NET OPERATING REVENUES

Company		
Canadian National Telegraphs	336,624	Dr. 140,722
Canadian Pacific Railway Company	1,063,232	1,029,519
Dominion Government Telegraph Service	Dr. 315,655	Dr. 392,968
Halifax and Bermudas Cable Company	100,412	69,331
Canadian Marconi Wireless Company	137,691	52,629
North American Telegraph Company	Dr. 454	Dr. 890
Pacific Cable Board	Dr. 194,979	Dr. 258,349
Temiskaming & Northern Ontario Railway Commission	38,835	23,381
Western Union Telegraph Company	Dr. 20,955	Dr. 20,908
Total	1,144,751	361,023

Table 7.

INCOME ACCOUNT

Company	Year ended December 31			
	Additions to Income		Gross Corporate Income	
	1933	1932	1933	1932
	\$	\$	\$	\$
Canadian National Telegraphs	73,961	68,682	410,585	Dr. 72,040
Canadian Pacific Railway Company	...	...	1,063,232	1,029,519
Dominion Govt. Telegraph Service	24,900	...	Dr. 290,755	Dr. 392,968
Halifax & Bermudas Cable Company	6,867	6,300	107,279	75,631
Canadian Marconi Wireless Company	902,775	1,048,278	1,040,466	1,100,907
North American Telegraph Company	6,372	5,044	5,918	4,154
Pacific Cable Board	...	...	Dr. 194,979	Dr. 258,349
Temiskaming & Northern Ont. Ry. Commn.	...	...	38,835	23,381
Western Union Telegraph Company	...	...	Dr. 20,955	Dr. 20,908
<b>Total</b>	<b>1,014,875</b>	<b>1,128,304</b>	<b>2,159,626</b>	<b>1,489,327</b>

Company	Deductions from Income		Net Corporate Income	
	1933	1932	1933	1932
	\$	\$	\$	\$
Canadian National Telegraphs	1,136,588	1,214,569	Dr. 726,003	Dr. 1,286,609
Canadian Pacific Railway Co.	60,654	232,335	1,002,578	797,184
Dominion Govt. Telegraph Service	...	...	Dr. 290,755	Dr. 392,968
Halifax & Bermudas Cable Company	38,490	10,032	68,789	65,599
Canadian Marconi Wireless Co.	1,076,331	1,157,525	Dr. 35,865	Dr. 56,618
North American Telegraph Co.	4,444	4,323	1,474	Dr. 169
Pacific Cable Board	...	...	Dr. 194,979	Dr. 258,349
Temiskaming & Northern Ont. Ry. Commn.	...	...	38,835	23,381
Western Union Telegraph Co.	577	561	Dr. 21,532	Dr. 21,469
<b>Total</b>	<b>2,317,084</b>	<b>2,619,345</b>	<b>Dr. 157,458</b>	<b>Dr. 1,130,018</b>

Table 8.

POLE LINE MILEAGE

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	24,013	24,018
Canadian Pacific Railway Company	17,477	17,490
Dominion Government Telegraph Service	8,844	9,077
Temiskaming & Northern Ontario Railway Commission	593	593
Western Union Telegraph Company	1,185	1,184
Total	52,112	52,362
<u>Province</u>		
Prince Edward Island	288	280
Nova Scotia	2,999	2,962
New Brunswick	2,490	2,483
Quebec	6,850	6,772
Ontario	11,570	11,657
Manitoba	4,204	4,251
Saskatchewan	9,084	9,136
Alberta	6,330	6,180
British Columbia	7,252	7,585
Yukon	555	555
Newfoundland	14	14
United States	476	487
Total	52,112	52,362

Table 9.

WIRE MILEAGE

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	165,058	166,172
Canadian Pacific Railway Company	176,423	175,720
Dominion Government Telegraph Service	11,052	11,316
Halifax & Bermudas Cable Company	10	10
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,111	3,111
Western Union Telegraph Company	9,390	9,368
Total	365,489	366,142
<u>Province</u>		
Prince Edward Island	790	890
Nova Scotia	15,678	15,224
New Brunswick	16,441	15,846
Quebec	44,559	43,841
Ontario	126,667	128,802
Manitoba	31,860	32,225
Saskatchewan	49,716	49,101
Alberta	37,910	37,946
British Columbia	34,037	34,435
Yukon	653	653
Newfoundland	14	14
United States	7,164	7,165
Total	365,489	366,142



Table 9 - Continued

WIRE MILEAGE

Class	Year ended December 31	
	1 9 3 3	1 9 3 2
Iron -- Overhead	147,879	160,934
Copper-- Overhead	190,344	192,803
" Overhead in cables	19,034	3,431
" Underground	7,258	7,943
" Submarine	974	1,031
Total	365,489	366,142

Mileage of Multiple Circuits, 1933.

Company	Wire Miles included in Total Wire Mileage		Mileage of Channels
	Copper	Iron	
Canadian National Telegraphs	27,103	....	130,462
Canadian Pacific Railway Company	61,159	14,541	231,907
Temiskaming & Northern Ontario Ry. Commn.	...	...	2,005
Total	88,262	14,541	364,374

Table 10.

EMPLOYEES AND SALARIES

Company	Year ended December 31			
	1 9 3 3		1 9 3 2	
	No.	Amount	No.	Amount
Canadian National Telegraphs	(1) 2,465	2,931,462	(3) 2,818	3,318,159
Canadian Pacific Railway Company	(2) 1,593	1,873,780	(4) 1,746	2,097,518
Dominion Govt. Telegraph Service	712	393,784	729	453,683
Halifax & Bermudas Cable Co.	11	10,164	12	10,236
Canadian Marconi Wireless	228	289,346	211	311,423
North American Telegraph Co.	16	13,788	16	14,435
Pacific Cable Board	106	166,348	117	208,868
Temiskaming & Northern Ont. Ry. Commn.	25	19,231	28	22,614
Western Union Telegraph Company	107	172,530	111	190,669
Total	5,263	5,870,433	5,788	6,627,605
Class				
Operators -- Male	1,489		1,744	
Female	564		640	
Other officers and employees	3,210		3,374	
Total	5,263		5,788	

(1) Excluding 1,592 Commission Operators	.....	Commissions	\$167,306
(2) " 187 " "	.....	"	181,999
(3) " 1,585 " "	.....	"	159,182
(4) " 152 " "	.....	"	114,394



Table 11.

NUMBER OF OFFICES

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	(1) 1,937	(1) 2,011
Canadian Pacific Railway Company	(2) 1,390	(2) 1,394
Dominion Government Telegraph Service	(3) 703	(3) 756
Halifax and Bermudas Cable Company	(4) 2	(5) 3
Canadian Marconi Wireless Company	(6) 30	(6) 30
North American Telegraph Company	15	16
Pacific Cable Board	3	3
Temiskaming & Northern Ontario Railway Commission	35	35
Western Union Telegraph Company	..	..
Total	4,115	4,248

  

(1) Includes 7 outside of Canada	(4) Includes 1 outside of Canada
(2) " 12 " " "	(5) " 2 " " "
(3) " 2 " " "	(6) " 12 " " "

  

Province		
Prince Edward Island	33	34
Nova Scotia	252	242
New Brunswick	155	150
Quebec	766	782
Ontario	988	1,046
Manitoba	308	317
Saskatchewan	638	647
Alberta	386	379
British Columbia	540	601
Yukon	15	15
Outside of Canada	34	35
Total	4,115	4,248

Table 12.

MESSAGES

Telegrams Sent, By Provinces

Prince Edward Island	103,489	96,861
Nova Scotia	521,311	551,039
New Brunswick	404,826	403,570
Quebec	1,651,371	1,759,422
Ontario	2,954,979	3,054,271
Manitoba	782,403	822,067
Saskatchewan	447,409	524,781
Alberta	593,164	674,244
British Columbia	970,916	1,103,038
Yukon	68,327	79,682
Outside of Canada /	13,825	14,801
Total	8,512,020	9,083,776

/ On Canadian lines in the United States.

Table 13.

MESSAGES SENT AND RECEIVED

Land Messages

Company	1 9 3 3		1 9 3 2	
	Sent	Received from United States	Sent	Received from United States
Canadian National Telegraphs	4,309,687	1,158,534	4,632,621	929,656
Canadian Pacific Railway Co.	3,800,073	402,115	3,960,053	442,643
Dominion Government Telegraph Service	254,910	...	336,256	...
Canadian Marconi Wireless Company	x 22,450	x 36,240	x 23,725	x 35,614
North American Telegraph Company	30,453	24,285	32,540	25,031
Temiskaming & N. Ontario Ry. Commn.	94,447	2,459	98,581	2,713
Western Union Telegraph Company	...	...	...	...
Total	8,512,020	1,623,633	9,083,776	1,435,657
Total Messages Handled	10,135,653		10,519,433	

x - Messages to and from ships and stations.

Table 14.

NUMBER OF CABLEGRAMS

Company	1 9 3 3		1 9 3 2	
	Sent	Received	Sent	Received
Canadian National Telegraphs	(1) 266,359	(1) 194,428	(1) 258,767	(1) 185,212
Canadian Pacific Railway Co.	295,456	311,118	282,570	290,318
Halifax & Bermudas Cable Co.	96,129	102,939	80,538	88,573
Canadian Marconi Wireless Co.	(2) 104,726	(2) 71,844	(2) 95,213	(2) 77,404
North American Telegraph Co.	829	998	768	1,049
Pacific Cable Board	15,482	10,484	17,333	10,248
Temiskaming & N. Ont. Ry. Commn.	1,009	590	1,032	649
Western Union Telegraph Co.	116,726	(3) 3,915,110	116,719	(3) 4,157,778
Total	896,716	4,607,511	852,940	4,811,231
Total excluding relays		692,401		653,453

(1) Includes messages to and from wireless stations.

(2) Includes only messages from land to land.

(3) Cablegrams relayed between United States and overseas countries.

Table 15.

MARCONI WIRELESS MESSAGES /

	Year ended December 31					
	Nova Scotia		Quebec		Ontario	
	1933	1932	1933	1932	1933	1932
Private messages sent to ships and stations	5,532	7,175	8,266	7,004	3,154	3,011
Private messages received from ships and stations	7,979	7,495	10,774	11,074	8,175	7,677
Messages sent to Govt. ships	205	595	2,021	1,506	387	505
Messages rec'd from Govt. ships	394	970	2,059	1,273	391	392
Govt. messages sent to stations	808	1,761	1,884	1,888	193	280
Govt. messages rec'd from stations	2,299	1,979	3,981	4,490	188	264
Total	17,217	19,975	28,985	27,235	12,488	12,129

/ Included in total telegrams.

Table 16.

MONEY TRANSFERS FORWARDED  
Including those received from Foreign Countries

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	\$2,804,615	\$3,696,770
Canadian Pacific Railway Company	818,564	989,996
North American Telegraph Company	9,731	11,894
Western Union Telegraph Company	...	...
Total	3,632,910	4,698,660

Table 17.

MATERIALS USED

	Unit of Measurement	Quantity	Cost Value Delivered at Works
Poles, telegraph	No.	4,892	\$ 22,786
Wire, galvanized	Tons	58	5,223
Wire, copper	Tons	151	49,116
Storage batteries	No.	1,418	1,625
Other materials			320,738
Total			399,488

Table 18.

VALUE OF WORK CARRIED OUT

	New Construction	Alteration & Maintenance Repair Work	Total
Telegraphic lines and works	\$226,579	\$599,454	\$826,033
All other works of construction	...	17,940	17,940
Total	226,579	617,394	843,973



56-201

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# TELEGRAPH STATISTICS

FOR

1934

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Published by Authority of the HON. R. B. HANSON, K.C., M.P.,  
Minister of Trade and Commerce.

OTTAWA  
1935





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1 9 3 4

The telegraph business showed an upward turn in 1934 and gross revenues increased from \$9,267,715 in 1933 to \$9,972,627. Operating expenses were heavier by \$313,180 and net operating revenues increased from \$1,144,751 to \$1,536,483. The increase in the net corporate income was largely a matter of accounting with the Canadian National Telegraph Department in reducing arbitrary charges for rentals.

The number of employees increased from 5,263 to 5,624 and the pay roll, exclusive of commissions, amounted to \$6,431,647 as against \$5,870,433 in 1933.

In previous years cablegrams included only trans-oceanic messages from land to land, but in 1934 all messages to overseas countries and commercial messages to and from ships at sea were included under cablegrams and wireless messages between stations were included with telegrams. The 1933 data were revised to conform with this new classification.

A further analysis of money transferred by telegraph was made in this report, showing the countries between which it was transferred. Of a total of \$3,950,854 transferred during the year, \$2,747,325, or 70 per cent, was between Canadian and United States stations, \$1,133,713, or 29 per cent, was between Canadian stations and the remainder was between Canada and the United Kingdom (\$48,665), and other countries (\$21,151).

Table 1.

TELEGRAPH STATISTICS

Year	Cost of Property & Equipment \$	Gross Revenues \$	Operating Expenses \$	Net Revenues \$	Net Corporate Income \$
1924	19,536,617	10,930,020	9,603,620	1,326,400	1,199,930
1925	19,837,700	11,520,322	9,681,200	1,839,122	1,349,958
1926	26,443,851	12,143,388	10,166,040	1,977,348	1,448,298
1927	29,063,590	12,990,549	10,600,412	2,390,137	1,982,123
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,256,441	12,590,364	3,666,077	2,676,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037

Year	Pole Line Mileage	Wire Mileage	Employees <sup>+</sup>	Salaries and Wages \$
1924	54,742	268,632	7,247	7,016,008
1925	51,726	284,121	7,224	7,691,690
1926	52,612	305,933	6,755	7,640,119
1927	52,731	323,539	7,238	7,957,064
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,805
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647

Year	Telegrams		Cablegrams	Money Transfers \$
	Sent	Received from United States		
1924	10,813,230	4,647,581	¢ 1,506,806	6,428,080
1925	11,436,664	2,747,324	¢ 1,557,235	6,680,595
1926	12,199,068	2,735,615	¢ 1,733,332	7,790,127
1927	12,664,674	2,966,233	¢ 1,930,758	9,241,864
1928	13,619,200	3,238,020	¢ 2,242,178	9,776,090
1929	14,643,112	3,386,861	¢ 2,050,404	11,295,857
1930	12,970,983	2,587,241	¢ 2,035,664	10,213,475
1931	11,101,388	2,098,810	¢ 1,773,340	7,475,928
1932	9,083,776	1,435,657	¢ 1,506,393	4,698,660
1933	x 8,498,890	x 1,596,171	xxl 614,899	3,632,910
1934	x 8,965,673	x 1,560,823	xxl 710,622	3,950,854

<sup>+</sup> Excludes commission operators.    ¢ Excludes cablegrams relayed & wireless messages to  
 x Telegrams include commercial wireless messages to and from stations.  
 xx Excludes cablegrams relayed and service wireless messages to and from ships.

Table 2.

CAPITAL STOCK

Company	Common Stock	Preferred Stock	Total Stock	Funded Debt	Total
	\$	\$	\$	\$	\$
Canadian National Telegraphs	x 873,625	.....	x 873,625	/ 800,000	1,673,625
Canadian Pacific Railway Co.		Included in Railway Report			
Dominion Govt. Telegraph Service	.....	.....	.....	.....	.....
Halifax and Bermudas Cable Co.	249,500	.....	249,500	342,549	592,049
Canadian Marconi Wireless Co.	4,554,682	.....	4,554,682	.....	4,554,682
North American Telegraph Co.	200,000	.....	200,000	.....	200,000
Pacific Cable Board	.....	.....	.....	.....	.....
Temiskaming & N. Ontario Ry. Commn.	.....	.....	.....	.....	.....
Western Union Telegraph Co.	.....	.....	.....	.....	.....
Total	5,877,807	.....	5,877,807	1,142,549	7,020,356

Table 3.

COST OF PROPERTY AND EQUIPMENT

Company	Year ended December 31st	
	1934	1933
Canadian National Telegraphs	\$18,971,980	\$18,829,379
Canadian Pacific Railway Co.	17,123,792	16,901,804
Dominion Government Telegraph Service	2,455,516	2,447,574
Halifax and Bermudas Cable Co.	27,257	27,257
Canadian Marconi Wireless Company	1,499,849	1,486,846
North American Telegraph Company	14,949	15,946
Pacific Cable Board	.....	.....
Temiskaming & Northern Ontario Ry. Commn.	203,045	202,300
Western Union Telegraph Company	1,653,328	1,582,728
Total	41,949,716	41,225,957

Table 4.

GROSS REVENUES

Canadian National Telegraphs	\$4,080,309	\$3,926,583
Canadian Pacific Railway Co.	3,789,918	3,552,173
Dominion Government Telegraph Service	162,562	146,084
Halifax & Bermudas Cable Company	212,752	211,161
Canadian Marconi Wireless Company	802,674	680,005
North American Telegraph Company	503,506	398,499
Pacific Cable Board	179,258	141,688
Temiskaming and Northern Ontario Ry. Commission	92,476	71,765
Western Union Telegraph Company	149,172	139,757
Total	9,972,627	9,267,715
Source		
Local messages	\$4,115,751	\$4,184,854
Conjoint messages	1,496,789	1,443,500
Press reports	257,502	250,136
Market reports	552,040	314,343
Cablegrams	1,035,889	879,886
Money orders	78,640	73,129
Leased wires	1,725,754	1,466,718
Miscellaneous	710,262	655,145
Total	9,972,627	9,267,715

x \$866,575 held by Canadian National Railways.

/ Funded debt held by Canadian National Railways.



Table 5.

OPERATING EXPENSES

<u>Company</u>	<u>Year ended December 31st</u>	
	<u>1 9 3 4</u>	<u>1 9 3 3</u>
	\$	\$
Canadian National Telegraphs	3,644,351	3,589,959
Canadian Pacific Railway Co.	2,548,805	2,488,941
Dominion Government Telegraph Service	446,648	461,739
Halifax & Bermudas Cable Company	122,780	110,749
Canadian Marconi Wireless Company	567,077	542,314
North American Telegraph Company	508,039	398,953
Pacific Cable Board	397,822	336,667
Temiskaming & Northern Ontario Ry. Commission	34,282	32,930
Western Union Telegraph Company	171,340	160,712
<b>Total</b>	<b>8,436,144</b>	<b>8,122,964</b>
<u>Source</u>		
Maintenance - Line and Equipment	1,483,714	1,388,181
Buildings, Offices, etc.	13,467	12,676
Operation - Salaries of Operators, Agents, etc.	4,427,555	4,418,467
Commissions	317,858	299,106
Local Office Expenses, Materials	952,260	941,689
General - Salaries of General Office Clerks & Officers	437,403	417,260
Insurance	19,320	17,858
Legal Expenses	6,550	3,408
Miscellaneous	778,017	619,319
<b>Total</b>	<b>8,436,144</b>	<b>8,122,964</b>

Table 6.

NET OPERATING REVENUES

<u>Company</u>		
Canadian National Telegraphs	445,958	376,624
Canadian Pacific Railway Company	1,241,113	1,063,232
Dominion Government Telegraph Service	Dr. 284,086	Dr. 315,655
Halifax and Bermudas Cable Company	89,972	100,412
Canadian Marconi Wireless Company	235,597	137,691
North American Telegraph Company	467	Dr. 454
Pacific Cable Board	Dr. 218,64	Dr. 194,979
Temiskaming & Northern Ontario Railway Commn.	58,194	38,835
Western Union Telegraph Company	Dr. 2,168	Dr. 20,955
<b>Total</b>	<b>1,536,483</b>	<b>1,144,751</b>

Table 7.

INCOME ACCOUNT

Company	Year ended December 31st			
	Additions to Income		Gross Corporate Income	
	1934	1933	1934	1933
	\$	\$	\$	\$
Canadian National Telegraphs	37,579	73,961	473,537	410,585
Canadian Pacific Railway Co.	...	...	1,241,113	1,063,232
Dom. Govt. Telegraph Service	...	24,900	Dr. 284,086	Dr. 290,755
Halifax & Bermudas Cable Co.	8,888	6,867	98,860	107,279
Canadian Marconi Wireless Co.	1,177,492	902,775	1,413,089	1,040,466
North American Telegraph Co.	6,555	6,372	7,022	5,918
Pacific Cable Board	...	...	Dr. 218,564	Dr. 194,979
Temiskaming & Northern Ont. Ry. Commn.	...	...	58,194	38,835
Western Union Telegraph Co.	...	...	Dr. 22,168	Dr. 20,955
Total	1,230,514	1,014,875	2,766,997	2,159,626

  

Company	Deductions from Income		Net Corporate Income	
	1934	1933	1934	1933
	\$	\$	\$	\$
Canadian National Telegraphs	332,202	1,136,588	141,335	Dr. 726,003
Canadian Pacific Railway Co.	59,360	60,654	1,181,753	1,002,578
Dominion Govt. Telegraph Service	...	...	Dr. 284,086	Dr. 290,755
Halifax & Bermudas Cable Co.	40,452	38,490	58,408	68,789
Canadian Marconi Wireless Co.	1,199,864	1,076,331	213,225	Dr. 35,865
North American Telegraph Co.	4,497	4,444	2,525	1,474
Pacific Cable Board	...	...	Dr. 218,564	Dr. 194,979
Temiskaming & Northern Ont. Ry. Commn.	...	...	58,194	38,835
Western Union Telegraph Co.	585	577	Dr. 22,753	Dr. 21,522
Total	1,636,960	2,317,084	1,130,037	Dr. 157,488

POLE LINE MILEAGE

Table 8.

Company	Year ended December 31	
	1934	1933
Canadian National Telegraphs	23,980	24,103
Canadian Pacific Railway Company	17,439	17,477
Dominion Government Telegraph Service	8,864	8,844
Temiskaming & Northern Ontario Railway Commission	593	593
Western Union Telegraph Company	1,185	1,185
North American Telegraph Company	x 345	x 345
Total	52,406	52,457
Province		
Prince Edward Island	288	288
Nova Scotia	2,988	2,999
New Brunswick	2,504	2,490
Quebec	6,869	6,850
Ontario	11,862	11,915
Manitoba	4,207	4,204
Saskatchewan	9,127	9,084
Alberta	6,274	6,330
British Columbia	7,241	7,252
Yukon	555	555
Newfoundland	14	14
United States	477	476
Total	52,406	52,457

WIRE MILEAGE

Table 9.

Canadian National Telegraphs	164,831	165,058
Canadian Pacific Railway Company	177,800	176,423
Dominion Government Telegraph Service	11,108	11,052
Halifax and Bermudas Cable Company	10	10
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,122	3,111
Western Union Telegraph Company	9,390	9,390
Total	366,706	365,489
Province		
Prince Edward Island	790	790
Nova Scotia	15,645	15,678
New Brunswick	16,367	16,441
Quebec	44,670	44,559
Ontario	127,225	126,667
Manitoba	31,877	31,860
Saskatchewan	50,250	49,716
Alberta	37,920	37,910
British Columbia	34,148	34,037
Yukon	655	653
Newfoundland	14	14
United States	7,145	7,164
Total	366,706	365,489

x - Leased telephone poles.



Table 9 - Continued

WIRE MILEAGE

Class	Year ended December 31	
	1 9 3 4	1 9 3 3
Iron - Overhead	158,085	147,879
Copper- Overhead	190,983	/ 201,055
" Overhead in cables	9,349	/ 8,323
" Underground	7,327	7,258
" Submarine	962	974
Total	366,706	365,489

Mileage of Multiple Circuits  
1934

Company	Wire miles included in Total Wire Mileage		Mileage of Channels
	Copper	Iron	
Canadian National Telegraphs	28,095	....	140,212
Canadian Pacific Railway Company	62,084	14,782	237,247
Temiskaming and Northern Ontario Railway Commn.	.....	....	2,005
Total	90,179	14,782	379,464

Table 10.

EMPLOYEES AND SALARIES

Company	Year ended December 31			
	1 9 3 4		1 9 3 3	
	Number	Amount	Number	Amount
		\$		\$
Canadian National Telegraphs	(1) 2,537	2,949,580	(3) 2,465	2,931,462
Canadian Pacific Railway Co.	(2) 1,886	2,390,467	(4) 1,593	1,873,780
Dominion Govt. Telegraph Service	706	378,316	712	393,784
Halifax & Bermudas Cable Co.	10	12,919	11	10,164
Canadian Marconi Wireless	225	293,743	228	289,346
North American Telegraph Co.	15	13,781	16	13,788
Pacific Cable Board	116	199,793	106	166,348
Temiskaming & N. Ont. Ry. Commn.	32	21,102	25	19,231
Western Union Telegraph Co.	97	171,946	107	172,530
Total	5,624	6,431,647	5,263	5,870,433
Class				
Operators - Male	1,512		1,489	
Female	591		564	
Other Officers and Employees	3,521		3,210	
Total	5,624		5,263	

(1)	Excluding 1,620 Commission Operators .....	Commissions	\$182,982
(2)	" 319 " " .....	"	168,980
(3)	" 1,592 " " .....	"	167,306
(4)	" 187 " " .....	"	181,999



Table 11.

NUMBER OF OFFICES

Company	Year ended December 31					
	1 9 3 4			1 9 3 3		
Canadian National Telegraphs	(1)	1,909		(5)	1,937	
Canadian Pacific Railway Company	(2)	1,474		(2)	1,390	
Dominion Government Telegraph Service	(3)	705		(3)	703	
Halifax and Bermudas Cable Co.	(4)	2		(4)	2	
Canadian Marconi Wireless Co.	(6)	28		(6)	30	
North American Telegraph Co.		15			15	
Pacific Cable Board		3			3	
Temiskaming & Northern Ontario Railway Commission		35			35	
Western Union Telegraph Company						
Total		4,171			4,115	

  

(1) Includes 5 outside of Canada.	(4) Includes 1 outside of Canada.
(2) " 12 " " "	(5) " 7 " " "
(3) " 2 " " "	(6) " 12 " " "

  

Province		
Prince Edward Island	32	33
Nova Scotia	252	252
New Brunswick	152	155
Quebec	763	766
Ontario	1,028	988
Manitoba	301	308
Saskatchewan	646	638
Alberta	392	386
British Columbia	558	540
Yukon	15	15
Outside of Canada	32	34
Total	4,171	4,115

Table 12.

MESSAGES

Telegrams Sent, By Provinces

Prince Edward Island	78,955	103,489
Nova Scotia	540,405	517,204
New Brunswick	420,865	404,826
Quebec	1,640,906	1,644,130
Ontario	3,180,258	2,953,197
Manitoba	910,030	782,403
Saskatchewan	469,650	447,409
Alberta	594,689	593,164
British Columbia	1,022,517	970,916
Yukon	92,160	68,327
Outside of Canada /	15,238	13,825
Total	8,965,673	8,498,890

/ On Canadian lines in the United States.

Table 13.

MESSAGES SENT AND RECEIVED

Land Messages

Company	1934		1933	
	Sent	Received from United States	Sent	Received from United States
Canadian National Telegraphs	4,528,636	1,075,125	4,309,687	1,158,534
Canadian Pacific Railway Co.	3,989,552	449,873	3,800,073	402,115
Dominion Govt. Telegraph Service	299,869		251,910	
Canadian Marconi Wireless Co.	x 6,421	x 7,025	x 9,320	x 8,778
North American Telegraph Co.	30,738	26,292	30,453	24,285
Temiskaming & N. Ont. Ry. Commn.	110,457	2,508	94,447	2,459
Total	8,965,673	1,560,823	8,498,890	1,596,171
Total messages handled	10,526,496		10,095,061	

x Commercial messages to and from stations.

Table 14.

NUMBER OF CABLEGRAMS

Company	1934		1933	
	Sent	Received	Sent	Received
Canadian National Telegraphs	(1) 271,860	(1) 192,534	(1) 266,359	(1) 194,428
Canadian Pacific Railway Co.	287,582	321,558	295,456	311,118
Halifax & Bermudas Cable Co.	98,369	99,058	96,129	102,939
Canadian Marconi Wireless Co.	(2) 135,430	(2) 90,846	(2) 112,358	(2) 89,994
North American Telegraph Co.	632	966	829	998
Pacific Cable Board	20,190	13,672	15,482	10,484
Temiskaming & N. Ont. Ry. Commn.	968	559	1,009	590
Western Union Telegraph Co.	76,021	(3) 4,035,755	116,726	(4) 3,915,110
Total	891,052	4,758,396	904,348	4,625,661
Total excluding relays		819,570		710,551

- (1) Includes messages to and from wireless stations.  
 (2) Messages forwarded and received by beam wireless and commercial messages to and from ships.  
 (3) Includes 3,935,378 cablegrams relayed between United States and overseas countries.  
 (4) Cablegrams relayed between United States and overseas countries.

Table 15.

MESSAGES TO AND FROM OVERSEAS COUNTRIES AND SHIPS AT SEA

Company	Messages Forwarded By			Messages Received By		
	Cable	Radio	Total	Cable	Radio	Total
Canadian National Telegraphs	137,270	134,590	271,860	119,628	72,900	192,534
Canadian Pacific Railway Co.	287,582		287,582	321,558		321,558
Halifax & Bermudas Cable Co.	98,369		98,369	99,058		99,058
Canadian Marconi Wireless Co.	a/135,430		c/135,430	b/90,846		d/90,846
North American Telegraph Co.	632	4	632	961	5	366
Pacific Cable Board	20,190		20,190	13,672		13,672
Temiskaming & N. Ont. Ry. Commn.	968		968	559		559
Western Union Telegraph Co.	76,021		76,021	100,377		100,377
Total	621,028	270,024	891,052	655,813	163,757	819,570

- / Includes 127,987 beam wireless.  
 / " 71,578 " "  
 / Exclusive of 2,786 service messages to ships.  
 / " 3,448 " " from ships

Table 16.

MARCONI WIRELESS MESSAGES

	Year ended December 31					
	Nova Scotia		Quebec		Ontario	
	1934	1933	1934	1933	1934	1933
Commercial messages sent to ships and stations	5,534	5,532	6,293	8,266	2,037	3,154
Commercial messages received from ships and stations	6,608	7,979	11,854	10,774	7,831	8,175
Messages sent to Govt. ships	187	205	1,537	2,021	359	387
Messages received from Govt. ships	530	394	1,791	2,059	534	391
Service messages sent to ships and stations	1,552	1,305	3,284	2,490	1,698	1,504
Service messages received from ships and stations	1,677	1,486	3,351	2,188	1,715	1,471
Govt. messages sent to stations	904	808	2,304	1,884	225	193
Govt. messages received from stations	2,171	2,299	3,802	3,981	389	188
Total	19,163	20,003	34,216	35,663	14,788	15,465

Table 17.

MONEY TRANSFERS  
1934

	Canadian National Telegraphs	Canadian Pacific Railway Co.	North American Telegraph Co.	Total
	\$	\$	\$	\$
Money Transfers To-				
United States	924,297	325,602	6,348	1,256,247
United Kingdom	13,596	...	...	13,596
Other Foreign Countries	17,051	...	...	17,051
Total	954,944	325,602	6,348	1,286,894
Money Transfers From-				
United States	1,215,752	275,326	...	1,491,078
United Kingdom	35,069	...	...	35,069
Other Foreign Countries	4,100	...	...	4,100
Between Canadian Stations	700,977	426,952	5,784	1,133,713
Total	1,955,898	702,278	5,784	2,663,960
Money Transfers To and From-				
United States	2,140,049	600,928	6,348	2,747,325
United Kingdom	48,665	...	...	48,665
Other Foreign Countries	21,151	...	...	21,151
Between Canadian Stations	700,977	426,952	5,784	1,133,713
Total	2,910,842	1,027,880	12,132	3,950,854



Table 18.

MATERIALS USED

1934

	Unit of Measurement	Quantity	Cost Value Delivered at Works \$
Lumber	M Ft.	1	52.00
Poles, telegraph	No.	11,322	54,595.00
Wire, galvanized	Tons	90	7,955.00
Wire, copper	Tons	78	23,071.00
Storage batteries	No.	2,939	2,062.00
Other materials			565,711.00
Total			653,446.00

Table 19.

VALUE OF WORK CARRIED OUT

1934

	New Construction \$	Alteration & Maintenance Repair Work \$	Total \$
Telegraphic lines	349,751	705,902	1,055,653
All other	47,458	19,294	66,752
Total	397,209	725,196	1,122,405









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**TELEGRAPH STATISTICS**

**FOR**

**1935**

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Published by Authority of the HON. W.D. EULER, M.P.,  
Minister of Trade and Commerce.

OTTAWA  
1936





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH STATISTICS

FOR

1 9 3 5

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta and Temiskaming and Northern Ontario railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec and the western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been credited to revenues. It also relays trans-Atlantic messages at Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence river and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

Gross revenues of all systems declined from \$9,972,627 in 1934 to \$9,741,394 and although operating expenses also declined from \$8,436,144 to \$8,416,329, net revenues were reduced from \$1,536,483 to \$1,325,065.

The number of telegrams originated in Canada and received from the United States for delivery in Canada were 9,565,719 and 7,573,116 respectively, or a total of 17,138,835 and the numbers of cablegrams forwarded and received were 684,772 and 673,182 respectively. The total value of money transferred by telegraph amounted to \$3,834,458 as against \$950,854 in 1934.

The number of full time employees increased from 5,624 to 5,903 and salaries and wages increased from \$6,431,647 to \$7,030,830, exclusive of commissions amounting to \$1,962 in 1934 and \$340,284 in 1935.

BUREAU FEDERAL DE LA STATISTIQUE

BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES

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Statisticien du Dominion: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chef de la Branche des Transports et Utilités Publiques: C.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES

EN

1935

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacific, des chemins de fer Northern Alberta et Témiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'ouest jusqu'aux Territoire du Yukon ainsi qu'un court millage en Ontario, ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et des compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations ont été classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'Océan Atlantique ont été inclus avec les câblogrammes.

Les recettes brutes de tous les réseaux ont passé de \$9,972,627 en 1934 à \$10,741,394 et, malgré la diminution des dépenses d'exploitation de \$8,436,144 à \$7,416,329, les recettes nettes ont baissé de \$1,536,483 à \$1,325,065.

Les télégrammes envoyés au Canada sont de 3,301,419 et les télégrammes reçus des États Unis à destination du Canada de 1,172,115, soit un total de 11,138,835; les câblogrammes envoyés et reçus sont au nombre de 613,182 et de 613,182 respectivement. La valeur totale de l'argent transmis par télégraphe s'élève à \$3,834,458 contre \$3,950,854 en 1934.

Le nombre des employés réguliers est passé de 5,621 à 5,903 et les salaires et wages ont augmenté de \$6,431,247 à \$7,030,980, à l'exclusion des commissions qui s'élèvent à \$351,962 en 1934 à \$340,284 en 1935.



Table 1

## TELEGRAPH STATISTICS - STATISTIQUES DES TELEGRAPHES

Tableau 1

Year	Cost of Property and Equipment	Gross Revenues	Operating Expenses	Net Revenues	Net Corporate Income
Année	Coût de la propriété et de l'outillage	Recettes brutes	Dépenses d'exploitation	Recettes nettes	Revenu net des compagnies
	\$	\$	\$	\$	\$
1924	19,536,617	10,930,020	9,603,620	1,326,400	1,199,930
1925	19,837,700	11,520,322	9,681,200	1,839,122	1,349,958
1926	26,443,851	12,143,388	10,166,040	1,977,348	1,448,298
1927	29,063,590	12,990,549	10,600,412	2,390,137	1,982,123
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,256,441	12,590,364	3,666,077	2,676,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155

Year	Pole Line Mileage	Wire Mileage	Employees(1)	Salaries and Wages
Année	Milles de Lignes sur poteaux	Milles de fil	Employés(1)	Salaires et gages
				\$
1924	54,742	268,632	7,247	7,016,008
1925	51,726	284,121	7,224	7,691,690
1926	52,612	305,933	6,755	7,640,119
1927	52,731	323,539	7,238	7,957,064
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,030,830

Year	Telegrams - Télégrammes		Cablegrams(3)	Money Transfer
	Sent (2)	Received from the United States		
Année	Envoyés (2)	Reçus des Etats-Unis	Câblogrammes(3)	Transferts d'argent
				\$
1926	12,225,144	2,735,615	1,769,513	7,790,127
1927	12,681,449	2,896,672	1,970,683	9,241,864
1928	13,643,382	3,165,892	2,279,293	9,776,090
1929	14,673,268	3,308,737	2,086,549	11,295,857
1930	12,991,348	2,535,777	2,053,059	10,213,475
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,400,043	1,514,321	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,854
1935	9,565,719	1,573,116	1,297,454	3,834,458

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion de la commission des opérateurs.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, de la province de Québec et de l'Ontario.

(3) Câblogramme relayés non compris, mais sont compris les messages par sans-fil, payés, aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.



## TELEGRAPH STATISTICS, 1935

Table 2	Canadian National Telegraphs \$	Canadian Pacific Railway Company \$	Commercial Cable Company \$	Dominion Government Telegraph Service \$	Halifax and Bermudas Cable Co. \$	Canadian Marconi Wireless Company \$
<b>COST OF PROPERTY &amp; EQUIPMENT IN CANADA</b>	19,029,052	17,187,027	423,858	2,525,000	27,258	1,435,550
<b>REVENUES</b>						
500 Commercial telegraph tolls	2,757,859	2,293,757	...	178,659	...	...
501 Telegraph tolls on cable messages	201,278	327,261	...	...	...	...
502 Government telegraph tolls	...	23,080	...	...	...	...
503 Press telegraph tolls	96,175	159,090	...	...	...	...
504 Money transfer tolls	35,916	16,347	...	...	...	...
505 Stock and commercial news revenue	386,357	95,944	...	...	...	...
506 Other telegraph transmission revenue	43,386	...	...	...	...	...
510 Commercial cable tolls	...	...	135,910	...	14,107	825,120
512 Press cable tolls	...	...	...	...	...	...
511 & 513 Other cable transmission revenue	...	...	...	...	...	...
520 Rents from leased lines and wires	407,738	765,662	...	...	...	...
521 Rents from other operated property	39,781	59,105	...	...	...	...
522 Money transfer premiums	18,284	7,201	...	...	...	...
522-525 Other non-transmission revenues	16,243	13,690	...	1,299	...	...
Grand Total	4,000,037	3,761,137	135,910	179,958	14,107	825,120
<b>Table 3</b>						
<b>EXPENSES</b>						
600-611 Maintenance of line and equipment	645,502	575,886	37,295	219,079	326	262,137
620 Supervision of operations	254,284	248,350	...	17,759	...	...
621 Operators	952,244	722,175	35,036	207,395	6,318	254,654
632 Commissions	190,305	129,448	...	11,017	...	...
620-622-631-633-635 Other operating expenses	1,224,158	937,478	30,191	31,234	5,926	...
640-641 Salaries of general officers and general office clerks	87,451	30,182	...	16,416	5,620	58,308
642-643-644 General office expenses	19,166	14,111	...	1,883	...	...
645 General law expenses	68	17	...	...	...	...
646 Insurance	...	5,736	...	...	...	...
642-654 Other general expenses	52,686	5,220	25,746	17,038	742	100,413
Total	3,426,364	2,668,603	128,268	521,821	18,932	675,512
<b>Table 4</b>						
<b>NET OPERATING REVENUE</b>	573,673	1,092,534	7,642	Dr. 341,863	Dr. 4,825	149,608
310-11 Lease of plant and rents	20,000	...	...	...	...	25,457
302-311-16 Other income	3,024	...	...	...	...	1,382,802
Gross income	596,697	1,092,534	7,642	Dr. 341,863	Dr. 4,825	1,557,867
305 Taxes	80,933	55,471	10,922	...	...	20,280
320-21 Rents payable	227,500	...	...	...	...	...
322 Interest on funded debt	...	...	...	...	...	...
303-4-323-8 Other deductions	50,866	3,496	...	...	...	1,277,327
Total deductions	359,299	58,967	10,922	...	...	1,297,607
Net income	237,398	1,033,567	Dr. 3,280	Dr. 341,863	Dr. 4,825	260,260
<b>Table 5</b>						
<b>TELEGRAMS TRANSMITTED</b>	No.	No.	No.	No.	No.	No.
Sent	4,675,148	4,392,590	...	324,721	...	(1) 35,133
Received from the United States	1,122,222	410,675	...	...	...	...
Total number	5,807,170	4,803,265	...	324,721	...	(1) 35,133
<b>CABLEGRAMS TRANSMITTED</b>						
<b>Messages Sent-</b>						
Transferred to cable companies	135,029	277,153	...	...	...	...
Transferred to foreign land lines	25,846	...	...	...	...	...
Transferred to wireless companies	131,783	...	...	...	...	140,722
Total	292,658	277,153	...	...	...	140,722
<b>Messages Received-</b>						
Transferred from cable companies	131,241	321,432	...	...	...	...
Transferred from foreign land lines	1,162	...	...	...	...	...
Transferred from wireless companies	63,027	...	...	...	...	84,258
Total	195,430	321,432	...	...	...	84,258
Originated in Canada	...	...	109,584	...	18,073	(2) 145,219
Terminated in Canada	...	...	Not	...	22,955	79,761
In transit across Canada	...	...	Available	...	68,503	62,123
Relayed at Canadian stations from cable to cable	...	...	Pay	...	103,976	...
U.S.A. etc., traffic exchanged in Canada	...	...	disponible	...	...	...
Total	...	...	109,584	...	213,507	287,103

x \$102,892 is a credit for maintenance expenses on through traffic. (1) Commercial messages to and from ships and stations in Quebec and Sackville and to and from stations in Nova Scotia. (2) Includes 7,401 paid messages to and from ships in Nova Scotia. (3) Duplications excluded.

STATISTIQUES DES TELEGRAPHES, 1935

Northern Alberta Railway Company	North American Telegraph Company	Pacific Cable Board	Temiskaming & Northern Ontario Rly. Commn.	Western Union Telegraph Company	Total	
\$	\$	\$	\$	\$	\$	Tableau 2
280,539	15,033	325,000	290,574	2,101,090	43,639,981	<u>Coût de la propriété et de l'outillage au Canada</u>
18,764	13,445	...	52,179	x 102,892	5,417,555	<u>Recettes</u>
48	...	171,149	125	...	699,861	Droits sur télégrammes commerciaux
264	...	...	742	...	23,080	Droits des compagnies de télégraphe sur câblogrammes
5	230	7,423	459	...	263,694	Droits sur télégrammes officiels
...	...	...	36	...	52,957	Droits sur télégrammes de la presse
...	...	7,954	432	...	482,337	Droits sur transferts d'argent
...	...	...	...	47,269	51,772	Messages financiers et commerciaux
...	...	...	...	...	1,022,406	Autres expéditions de messages
...	...	...	...	...	...	Droits sur câblogrammes commerciaux
...	379,802	...	21,877	...	...	Droits sur câblogrammes de la presse
...	...	...	...	...	1,572,099	Autres expéditions de câblogrammes
...	...	...	...	...	98,885	Loyer de lignes et de fils
...	...	...	...	...	25,486	Loyer sur autre propriété exploitée
...	12	...	18	...	31,262	Primes sur transferts d'argent
19,081	393,489	186,526	75,868	150,161	9,741,394	Autres revenus divers
						Grand Total
...	754	87,910	8,199	2,663	1,839,751	<u>Tableau 3</u>
6,674	9,261	108,657	863	8,354	529,610	<u>Dépenses</u>
1,589	744	...	10,002	20,884	2,333,300	Entretien des lignes et de l'outillage
1,184	380,442	86,058	4,543	60	338,206	Surveillance de l'exploitation
...	...	...	9,566	19,875	2,726,112	Opérateurs
...	4,640	81,830	2,234	12,243	298,924	Commissions
...	426	...	...	...	35,586	Autres dépenses d'exploitation
...	46	...	...	...	85	Salaires des officiers et des commis
...	791	...	...	106,337	5,782	du siège social
9,447	397,104	364,455	35,407	170,416	308,973	Dépenses générales du siège social
9,634	Dr. 3,615	Dr.177,929	40,461	Dr. 20,255	1,325,065	Frais juridiques généraux
...	6,578	...	...	...	1,392,404	Assurance
...	2,963	Dr.177,929	40,461	Dr. 20,255	2,762,926	Autres dépenses générales
356	1,099	...	...	640	169,701	Total
850	...	...	856	4,175	233,381	<u>Tableau 4</u>
...	...	...	...	...	...	<u>Recettes nettes d'exploitation</u>
1,206	1,099	...	856	4,815	1,734,771	Location d'établissement et loyers
8,428	1,864	Dr.177,929	39,605	Dr. 25,070	1,028,155	Autre revenu
No.	No.	No.	No.	No.	No.	Revenu brut
16,569	31,298	...	90,260	...	9,565,719	Taxes
16,569	26,243	...	4,176	...	1,573,116	Loyers à percevoir
...	57,541	...	94,436	...	11,138,835	Intérêt sur la dette fondée
...	693	...	...	103,969	516,844	Autres déductions
96	...	...	764	...	26,706	Déductions totales
...	10	...	...	(3) 140,722	...	Revenue net
96	703	...	764	(3) 684,272	...	<u>Tableau 5</u>
...	1,159	...	...	73,368	527,200	<u>Télégrammes transmis</u>
157	...	...	405	...	1,724	Envoyés
157	1,259	...	405	73,368	(3) 84,258	Reçus des Etats-Unis
...	...	148,739	...	...	(3) 613,182	Total
...	...	149,621	...	...	...	<u>Câblogrammes transmis</u>
...	...	324,262	...	...	...	Messages envoyés
...	...	103,976	...	...	...	Transférés aux compagnies de câble
...	...	131,749	...	...	...	" " lignes continentales étrangères
...	...	858,347	...	...	...	" " compagnies de sans-fil
...	...	...	...	...	...	Total
...	...	...	...	...	...	Messages reçus
...	...	...	...	...	...	Transférés des compagnies de câble
...	...	...	...	...	...	" " lignes continentales étrangères
...	...	...	...	...	...	" " compagnies de sans-fil
...	...	...	...	...	...	Total
...	...	...	...	...	...	Partis du Canada
...	...	...	...	...	...	Envoyés au Canada
...	...	...	...	...	...	En transit à travers le Canada
...	...	...	...	...	...	Relayés aux stations canadiennes de câble en câble
...	...	...	...	...	...	Messages des E.-U., etc., échangés au Canada
...	...	...	...	...	...	Total

x \$102,892 est un crédit pour les dépenses d'entretien sur les messages relayés. (1) Messages commerciaux envoyés aux vaisseaux et reçus des vaisseaux et des stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse. (2) Comprend 7,401 messages acquittés envoyés aux vaisseaux et reçus des vaisseaux en Nouvelle-Ecosse. (3) Doubles emplois éliminés.

## TELEGRAPH STATISTICS, 1935

	Canadian National Telegraphs	Canadian Pacific Railway Company	Commercial Cable Company	Dominion Government Telegraph Service	Halifax and Bermudas Cable Co.	Canadian Marconi Wireless Company
<b>Table 6 - MONEY TRANSFERS</b>						
<u>Money Transfers to-</u>						
United States	\$ 832,932	\$ 266,012	\$ ...	\$ ...	\$ ...	\$ ...
United Kingdom	12,923	...	...	...	...	...
Other foreign countries	19,645	...	...	...	...	...
Total	865,500	266,012	...	...	...	...
<u>Money Transfers from-</u>						
United States	1,258,194	231,178	...	...	...	...
United Kingdom	55,604	...	...	...	...	...
Other foreign countries	2,345	...	...	...	...	...
Between Canadian stations	755,029	385,104	...	...	...	...
Total	2,072,172	616,282	...	...	...	...
<u>Money Transfers To and From-</u>						
United States	2,091,126	497,190	...	...	...	...
United Kingdom	68,527	...	...	...	...	...
Other foreign countries	21,990	...	...	...	...	...
Between Canadian stations	755,029	385,104	...	...	...	...
Total	2,937,672	882,294	...	...	...	...
<b>Table 7 - EMPLOYEES</b>						
Operators - Male	509	450	14	340	4	214
Female	285	162	...	128	...	...
Other officers and employees	1,770	1,457	23	189	6	26
Total	2,564	2,069	37	657	10	240
Total Salaries and Wages	\$3,117,815	\$2,594,372	\$ 76,834	\$ 370,098	\$ 12,957	\$318,785
<u>Commissions Paid-</u>						
To railway employees	\$ 65,529	\$ 41,324	\$ ...	\$ ...	\$ ...	\$ ...
To other persons	\$ 125,276	\$ 101,218	\$ ...	\$ ...	\$ ...	\$ ...
Total	\$ 190,805	\$ 142,542	\$ ...	\$ ...	\$ ...	\$ ...
<b>Table 8 - NUMBER OF OFFICES</b>						
Number of offices at which telegrams or cablegrams are received and forwarded in Canada	1,703	1,571	2	686	1	16
Offices outside of Canada	3	11	...	2	...	12
Total Number of Offices	1,706	1,582	2	688	1	28
<b>Table 9 - WIRE MILEAGE IN CANADA</b>						
<u>All Overhead Wires (Not in cables)-</u>						
Copper	74,370	103,652	...	...	...	...
Iron	8,122	59,438	...	11,013	...	...
<u>Miles of Wire in Cables-</u>						
Overhead	4,378	3,283	...	...	...	...
Underground	1,045	5,288	...	...	...	...
Submarine	...	...	...	300	...	...
Total Miles of Wire in Canada	160,078	172,120	...	11,313	...	...
Total wire mileage outside of Canada	2,032	4,310	...	14	...	...
Total wire mileage	162,110	176,430	...	11,327	...	...
<u>Multiple Circuits-</u>						
Wire Mileage (included above)-						
Copper	18,248	54,408	...	...	...	...
Iron	4,135	25,121	...	...	...	...
Channels in Canada (Miles)	174,000	166,715	...	...	...	...
Channels outside of Canada (Miles)	357	20,172	...	...	...	...
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian and Foreign stations	...	...	x 7,399	...	870	...

x - Nautical miles -- Milles nautiques



STATISTIQUES DES TELEGRAPHES, 1935

Northern Alberta Railway Company	North American Telegraph Company	Pacific Cable Board	Temiskaming & Northern Ontario Rly. Commn.	Western Union Telegraph Company	Total	
						<u>Tableau 6 - Transferts d'argent</u>
\$ ...	\$ 6,775	\$ ...	\$ ...	\$ ...	\$ 1,105,719	Transferts d'argent
...	...	...	...	...	12,923	aux Etats-Unis
...	...	...	...	...	19,645	au Royaume-Uni
...	6,775	...	...	...	1,138,287	à d'autres pays étrangers
						Total
...	...	...	...	...	1,489,372	Transferts d'argent
...	...	...	...	...	55,604	des Etats-Unis
1,023	6,694	...	...	...	2,345	du Royaume-Uni
1,023	6,694	...	...	...	1,148,850	d'autres pays étrangers
					2,696,171	entre stations canadiennes
						Total
...	6,775	...	...	...	2,595,091	Transferts d'argent
...	...	...	...	...	68,527	aux et des Etats-Unis
...	...	...	...	...	21,990	au et du Royaume-Uni
1,023	6,694	...	...	...	1,148,850	à et d'autres pays étrangers
1,023	13,469	...	...	...	3,834,458	entres stations canadiennes
						Total
						<u>Tableau 7 - Employés</u>
47	6	60	4	40	1,688	Opérateurs
...	1	...	2	...	578	Opératrices
9	8	61	# 32	56	3,637	Autres officiers et employés
56	15	121	38	96	5,903	Total
\$ 96,461	\$ 13,901	\$ 230,080	\$ 24,711	\$ 174,816	\$ 7,030,830	Total des salaires et gages
\$ 1,589	\$ ...	\$ ...	\$ 4,226	\$ ...	\$ 112,668	Commissions payées
\$ ...	\$ 744	\$ ...	\$ 318	\$ 60	\$ 227,616	Aux employés de chemin de fer
\$ 1,589	\$ 744	\$ ...	\$ 4,544	\$ 60	\$ 340,284	À d'autres personnes
						Total
						<u>Tableau 8 - Nombre de Bureaux</u>
40	15	3	35	1	4,073	Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés, au Canada
...	...	...	...	...	30	Bureaux à l'étranger
40	15	3	35	1	4,103	Nombre total de bureaux
						<u>Tableau 9 - Millage de fil au Canada</u>
271	445	...	1,641	5,770	186,449	Fils suspendus (non dans des câbles)
1,987	...	...	1,616	2,696	157,071	en cuivre
						en fer
2	...	...	...	392	8,055	Millage de fil dans des câbles
2	...	...	...	464	6,754	suspendus
...	...	...	...	65	833	souterrains
2,262	445	...	3,557	9,387	365,518	sous-marins
2,262	445	...	3,557	9,387	365,518	Millage total de fil au Canada
						Millage total de fil à l'extérieur du Canada
						Millage total de fil
						Circuits multiples-
...	...	...	Telephone	...	82,656	Milles de fil (Inclus plus haut)
...	...	...	wires used	...	19,328	Cuivre
						Fer
...	...	...	2,754	...	361,529	Canalisations au Canada (en milles)
...	...	...	...	...	10,329	Canalisations hors du Canada (en milles)
...	...	...	...	250	250	Millage de câbles entre stations canadiennes
...	...	20,700	...	3,756	32,785	Millage de câbles entre stations canadiennes et stations étrangères

\* Includes part time employees -- Comprend les employés à temps partiel



TELEGRAPH STATISTICS, 1935

	Canadian National Telegraphs	Canadian Pacific Railway Company	Commercial Cable Company	Dominion Government Telegraph Service	Halifax and Bermudas Cable Co.	Canadian Marconi Wireless Company
<b>Table 10 - POLE LINE MILEAGE IN CANADA</b>						
Owned by the Respondent	23,574	17,233	...	2,870	...	...
Leased from another company- Telegraph Company	960	...	...	...	...	...
Telephone or Power Company	156	10	...	...	...	...
Pole line mileage outside of Canada	248	228	...	14	...	...

	Pr. Edward Island Ile du Prince Edouard	Nova Scotia Nouvelle- Ecosse	New Brunswick Nouveau Brunswick	Quebec Québec	Ontario Ontario	Manitoba Manitoba	Saskat- chewan Saskat- chewan
<b>Table 11</b>							
Pole line mileage	288	2,897	2,475	6,984	11,601	4,209	8,973
Wire mileage	790	15,199	15,662	42,137	120,245	30,265	47,948
Number of offices	33	238	143	714	1,026	288	655
Telegrams sent	72,734	558,629	420,066	2,005,824	3,503,553	710,765	513,771

**Table 12 - MARCONI WIRELESS MESSAGES**

	Year ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1935	1934	1935
Commercial messages sent to ships and stations	5,674	5,534	7,138
Commercial messages received from ships and stations	6,546	6,608	12,382
Messages sent to Government ships	221	187	1,504
Messages received from Government ships	307	530	1,673
Service messages sent to ships and stations	1,883	1,552	4,174
Service messages received from ships and stations	1,939	1,677	4,187
Government messages sent to stations	685	904	2,572
Government messages received from stations	2,130	2,171	3,832
Total	19,385	19,163	37,462

**Table 13 - MATERIALS USED, 1935**

**Tableau 13 - Matériaux utilisés, 1935**

	Unit of Measurement Unité de Mesure	Quantity Quantité	Cost Value delivered at Works Coût des matériaux à pied d'oeuvre	
			\$	
Lumber	Ft. Pieds	1,208	38	Bois de charpente
Poles, telegraph	No. Nomb.	25,073	71,923	Perches de télégraphe
Posts	No. Nomb.	916	356	Poteaux
Wire, galvanized	Tons Tonnes	138	14,325	Fil galvanisé
Wire, copper	Tons Tonnes	169	55,515	Fil de cuivre
Storage batteries	No. Nomb.	810	4,741	Accumulateurs
Acids	Gal. Gall.	9	151	Acides
Other materials		...	444,591	Autres matériaux
Total			591,640	Total

- (1) Includes 516 miles of telephone or power company lines leased from another company and excludes pole line mileage leased from another telegraph company.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence river and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

STATISTIQUES DES TELEGRAPHES, 1935

Northern Alberta Railway Company	North American Telegraph Company	Pacific Cable Board	Temiskaming & Northern Ontario Ry. Commn.	Western Union Telegraph Company	Total	
920	...	...	575	856	52,028	Tableau 10 - Millage de lignes sur poteaux au Canada
1	...	...	...	242	1,203	Occupées par le propriétaire
5	345	...	...	...	516	Louées d'une autre compagnie-
...	...	...	...	...	490	Compagnie de télégraphe
						Compagnie de téléphone ou d'énergie électrique
						Millage de lignes sur poteaux à l'étranger

Alberta	British Columbia	Yukon	Newfound- land	United States	Outside of Canada A	Total	
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	l'extérieur du Canada	Total	Tableau 11
7,261	6,109	1,747	14	476	...	(1) 53,034	Millage des lignes sur poteaux
37,969	31,570	2,036	14	6,274	29,019	379,128	Millage des fils
434	460	82	...	...	30	4,103	Nombre de bureaux
686,561	1,047,296	46,520	...	...	...	9,565,719	Télégrammes envoyés

Année terminée le 31 décembre			Tableau 12 - Messages de la Canadian Marconi
Québec	(4) Ontario		
1934	1935	1934	
6,293	2,318	2,037	Messages commerciaux aux vaisseaux et aux stations
11,854	8,476	7,831	Messages commerciaux des vaisseaux et des stations
1,537	355	359	Messages aux vaisseaux du Gouvernement
1,791	1,645	534	Messages des vaisseaux du Gouvernement
3,284	2,394	1,698	Messages de service aux vaisseaux et aux stations
3,351	2,449	1,715	Messages de service des vaisseaux et des stations
2,304	180	225	Messages du Gouvernement aux stations
3,802	631	389	Messages du Gouvernement des stations
34,216	18,448	14,788	Total

Table 14 - VALUE OF WORK CARRIED OUT, 1935

Tableau 14 - Valeur des travaux exécutés, 1935

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction nouvelle	Modifications, entretien et réparations	Total	
	\$	\$	\$	
By company employees	130,849	1,212,799	1,343,648	Par les employés de la compagnie

- 1) Comprend 516 milles de lignes de téléphone ou de pouvoir louées d'une autre compagnie et ne comprend pas le millage d'une ligne sur poteaux louée d'une autre compagnie de télégraphe.
- 2) Les messages envoyés aux et reçus des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- 3) Les messages envoyés aux et reçus des vaisseaux dans le golfe St-Laurent ou sur l'océan Atlantique représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- 4) Les messages envoyés aux et reçus des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.









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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH STATISTICS**

**FOR**

**1936**

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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

TELEGRAPH STATISTICS

FOR

1 9 3 6

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta and Temiskaming and Northern Ontario railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec and the western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been credited to revenues. It also relays trans-Atlantic messages at Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence river and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

Gross revenues of all systems increased from \$9,741,394 in 1935 to \$10,378,873, operating expenses increased from \$8,416,329 to \$8,710,349 and net revenues were increased from \$1,325,065 to \$1,668,524.

The number of telegrams originated in Canada and received from the United States for delivery in Canada were 11,001,936 and 1,733,250 respectively, or a total of 12,735,186, and the numbers of cablegrams forwarded and received were 740,170 and 651,733 respectively. The total value of money transferred by telegraph amounted to \$4,296,733 as against \$3,834,458 in 1935.

The number of full time employees increased from 5,903 to 6,064 and salaries and wages increased from \$7,050,250 to \$7,560,183, exclusive of commissions amounting to \$340,284 in 1935 and \$354,343 in 1936.



BUREAU FEDERAL DE LA STATISTIQUE  
BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES

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Statisticien du Dominion: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chef de la Branche des Transports et Utilités Publiques: G.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES

EN

1936

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacific, des chemins de fer Northern Alberta et Témiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'ouest jusqu'aux Territoire du Yukon ainsi qu'un court millage en Ontario, ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et des compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations ont été classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique ont été inclus avec les câblogrammes.

Les revenus bruts de tous les réseaux passent de \$9,741,394 en 1935 à \$10,378,873, les dépenses d'opération de \$8,416,329 à \$8,710,349 et les revenus nets de \$1,325,065 à \$1,668,524.

Le nombre de télégrammes envoyés du Canada et reçus des Etats-Unis pour livraison au Canada se chiffre à 11,001,936 et 1,733,250 respectivement, soit un total de 12,735,186, et les nombres de câblogrammes envoyés et reçus atteignent 740,170 et 651,733 respectivement. La valeur totale d'argent transférée par télégraphe se chiffre à \$4,296,738 contre \$3,834,458 en 1935.

Le nombre d'employés à temps entier passe de 5,903 à 6,064 et les salaires et gages augmentent de \$7,030,830 à \$7,360,193, sans compter les commissions se chiffrant à \$340,284 en 1935 et \$354,343 en 1936.

Table 1.

## TELEGRAPH STATISTICS - STATISTIQUES DES TELEGRAPHES

Tableau 1

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1925	19,837,700	11,520,322	9,681,200	1,839,122	1,349,958
1926	26,443,851	12,143,388	10,166,040	1,977,348	1,448,298
1927	29,063,590	12,990,549	10,600,412	2,390,137	1,982,123
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,255,441	12,590,364	3,665,077	2,675,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,013
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156

Year Année	Pole Line Mileage Milles de Lignes sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et gages
				\$
1925	51,726	284,121	7,224	7,691,690
1926	52,612	305,933	6,755	7,640,119
1927	52,731	323,539	7,238	7,957,064
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,030,830
1936	52,907	363,180	6,064	7,360,193

Year Année	Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
	Sent (2) Envoyés (2)	Received from the United States Reçus des Etats-Unis		
				\$
1927	12,681,449	2,896,672	1,970,683	9,241,864
1928	13,643,382	3,165,892	2,279,293	9,776,090
1929	14,673,268	3,308,737	2,086,549	11,295,857
1930	12,991,348	2,535,777	2,053,059	10,213,475
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,400,043	1,514,321	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,854
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,936	1,733,250	1,391,903	4,296,738

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion de la commission des opérateurs.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, de la province de Québec et de l'Ontario.

(3) Câblogrammes relayés non compris, mais sont compris les messages par sans-fil, payés, aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH STATISTICS, 1936

Table 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Commercial Cable Company	Dominion Government Telegraph Service	Halifax and Bermudas Cable Co.	Canadian Marconi Wireless Company
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT IN CANADA</u>	19,070,297	17,270,965	505,403	2,565,000	27,258	1,323,890
<u>REVENUES</u>						
500 Commercial telegraph tolls	2,991,489	2,446,184	...	183,177	...	...
501 Telegraph tolls on cable messages	217,665	330,189	...	...	...	...
502 Government telegraph tolls	...	25,476	...	...	...	...
503 Press telegraph tolls	93,491	147,671	...	...	...	...
504 Money transfer tolls	39,192	17,676	...	...	...	...
505 Stock and commercial news revenue	443,107	106,568	...	...	...	...
506 Other telegraph transmission revenue	44,455	...	...	...	...	...
510 Commercial cable tolls	...	...	144,957	...	27,131	875,791
512 Press cable tolls	...	...	...	...	...	...
511 & 513 Other cable transmission revenue	...	...	...	...	...	...
520 Rents from leased lines and wires	485,645	749,461	...	...	...	...
521 Rents from other operated property	51,245	55,732	...	...	...	...
522 Money transfer premiums	20,476	8,059	...	...	...	...
523-525 Other non-transmission revenue	20,662	12,999	...	1,040	...	...
Grand Total	4,407,427	3,900,015	144,957	184,217	27,131	875,791
<u>Table 3 - EXPENSES</u>						
600-611 Maintenance of Line & Equipment	700,852	573,840	36,951	223,805	438	265,742
620 Supervision of operations	262,188	247,409	...	22,000	...	...
621 Operators	1,034,404	731,349	31,898	211,244	6,303	265,857
632 Commissions	198,627	132,861	...	11,076	...	...
620;622-631;633-635 Other operating expenses	1,287,534	956,812	31,550	29,010	6,807	...
640-641 Salaries of general officers and general office clerks	87,810	30,443	...	20,220	4,961	71,552
642-644 General office expenses	19,659	14,150	...	2,115	...	...
645 General law expenses	262	87	...	...	...	...
646 Insurance	...	5,820	...	...	...	...
642-654 Other general expenses	45,388	10,096	24,559	18,360	3,926	89,429
Total	3,636,724	2,702,867	124,958	537,830	22,435	692,580
<u>Table 4</u>						
<u>NET OPERATING REVENUE</u>	770,703	1,197,148	19,999	Dr.353,613	4,696	183,211
310-311 Lease of plant and rents	20,000	...	...	...	...	34,108
302;311-316 Other income	3,020	...	...	...	...	1,862,569
Gross Income	793,723	1,197,148	19,999	Dr.353,613	4,696	2,079,888
305 Taxes	82,018	58,917	10,976	...	...	21,051
320-321 Rents payable	227,500	...	...	...	...	...
322 Interest on funded debt	...	...	...	...	...	...
303-4;323-8 Other deductions	120,733	3,545	...	...	...	1,698,021
Total Deductions	430,251	62,462	10,976	...	...	1,719,072
Net Income	363,472	1,134,686	9,023	Dr.353,613	4,696	360,816

\* \$100,354 is a credit for maintenance expenses on through traffic.



STATISTIQUES DES TELEGRAPHES, 1936

Northern Alberta Railway Company	North American Telegraph Company	Pacific Cable Board	Temiskaming & Northern Ontario Rly. Commn.	Western Union Telegraph Company	Total	Tableau 2.
\$	\$	\$	\$	\$	\$	
280,550	15,033	300,000	300,437	2,049,877	43,708,710	Coût de la propriété et de l'outillage au Canada
19,498	13,971	...	67,899	4 100,354	5,822,572	<u>Recettes</u>
45	...	...	164	...	548,063	Droits sur télégrammes commerciaux
...	...	...	...	...	25,476	Droits des compagnies de télégraphe sur câblogrammes
214	...	...	1,298	...	242,674	Droits sur télégrammes officiels
2	218	...	382	...	57,470	Droits sur télégrammes de la presse
...	...	...	226	...	549,901	Droits sur transferts d'argent
...	...	...	547	...	45,002	Messages financiers et commerciaux
...	...	167,897	...	51,656	1,267,432	Autres expéditions de messages
...	...	11,015	...	...	11,015	Droits sur câblogrammes commerciaux
...	...	13,488	...	...	13,488	Droits sur câblogrammes de la presse
...	359,088	...	31,342	...	1,625,536	Autres expéditions de câblogrammes
...	...	...	...	...	106,977	Loyer de lignes et de fils
...	...	...	...	...	28,535	Loyer sur autre propriété exploitée
...	14	...	17	...	34,732	Primes sur transferts d'argent
19,759	373,291	192,400	101,875	152,010	10,378,873	Autres revenus divers
						Grand Total
						<u>Tableau 3 - Dépenses</u>
...	507	88,509	12,644	2,766	1,906,054	Entretien des lignes et de l'outillage
...	...	...	902	8,561	541,060	Surveillance de l'exploitation
6,627	9,666	138,864	11,838	22,014	2,470,064	Opérateurs
1,572	738	...	5,325	82	350,281	Commissions
1,093	361,471	80,358	13,746	21,804	2,790,185	Autres dépenses d'exploitation
...	2,639	79,556	2,412	12,143	311,736	Salaires des officiers et des commis du siège social
...	418	...	...	...	36,342	Dépenses générales du siège social
...	...	...	...	...	349	Frais juridiques généraux
...	26	...	...	...	5,846	Assurance
...	2,719	...	...	103,955	298,432	Autres dépenses générales
9,292	378,184	387,287	46,867	171,325	8,710,349	Total
						<u>Tableau 4</u>
10,467	Dr. 4,893	Dr. 194,887	55,008	Dr. 19,315	1,668,524	<u>Recettes nettes d'exploitation</u>
...	...	...	...	...	54,108	Location d'établissement et loyers
...	5,948	...	...	...	1,871,537	Autre revenu
10,467	1,055	Dr. 194,887	55,008	Dr. 19,315	3,594,169	Revenu brut
382	976	...	...	640	174,960	Taxes
850	...	...	1,404	4,000	233,754	Loyers à percevoir
...	...	...	...	...	...	Intérêt sur la dette fondée
...	...	...	...	...	1,822,299	Autres déductions
1,232	976	...	1,404	4,640	2,231,013	Déductions totales
9,235	79	Dr. 194,887	53,604	Dr. 23,955	1,363,156	Revenu net

4 \$100,354 est un crédit pour les dépenses d'entretien sur les messages relayés.



TELEGRAPH STATISTICS, 1936

	Canadian National Telegraphs	Canadian Pacific Railway Company	Commercial Cable Company	Dominion Government Telegraph Service	Halifax and Bermudas Cable Co.	Canadian Marconi Wireless Company
<b>Table 5</b>						
<u>TELEGRAMS TRANSMITTED</u>	No.	No.	No.	No.	No.	No.
Sent	5,994,512	4,467,596	...	328,866	...	(a) 37,415
Received from the United States	1,221,141	478,651	...	...	...	...
Total number	7,215,653	4,946,247	...	328,866	...	(a) 37,415
<u>CABLEGRAMS TRANSMITTED</u>						
<u>Messages Sent-</u>						
Transferred to cable companies	145,267	290,406	...	...	...	...
Transferred to Canadian land lines	...	...	...	...	...	...
Transferred to foreign land lines	29,090	...	...	...	...	...
Transferred to wireless companies	142,358	...	...	...	...	...
Total	316,715	290,406	...	...	...	...
<u>Messages Received-</u>						
Transferred from cable companies	126,513	323,452	...	...	...	...
Transferred from Canadian land lines	...	...	...	...	...	...
Transferred from foreign land lines	1,855	...	...	...	...	...
Transferred from wireless companies	93,454	...	...	...	...	...
Total	221,822	323,452	...	...	...	...
<u>Originated in Canada-</u>						
Received from land lines	...	...	118,343	...	15,917	(b) 150,715
Filed in cable office by sender	...	...	...	...	2,012	8,202
<u>Terminated in Canada-</u>						
Delivered to land lines for delivery	...	...	...	...	16,488	97,351
Delivered direct to addressees	...	...	...	...	4,549	16,249
Originated and terminated in other countries and handled at Canadian stations (not included above)	...	...	...	...	203,050	70,864
Total all Messages handled at Canadian Stations	538,537	613,858	118,343	...	242,016	(b) 343,381
<b>Table 6 - MONEY TRANSFERS</b>						
<u>Money Transfers to-</u>						
United States	\$ 856,740	\$ 352,687	\$ ...	\$ ...	\$ ...	\$ -....
United Kingdom	21,593	...	...	...	...	...
Other foreign countries	16,360	...	...	...	...	...
Total	894,693	352,687	...	...	...	...
<u>Money Transfers from-</u>						
United States	1,458,046	226,885	...	...	...	...
United Kingdom	33,080	...	...	...	...	...
Other foreign countries	12,474	...	...	...	...	...
Between Canadian stations	866,222	439,803	...	...	...	...
Total	2,369,822	666,688	...	...	...	...
<u>Money Transfers to and from-</u>						
United States	2,314,786	579,572	...	...	...	...
United Kingdom	54,673	...	...	...	...	...
Other foreign countries	28,834	...	...	...	...	...
Between Canadian stations	866,222	439,803	...	...	...	...
Total	3,264,515	1,019,375	...	...	...	...

(a) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.

(b) Includes 8,124 paid messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES, 1936

Northern Alberta Railway Company	North American Telegraph Company	Pacific Cable Board	Temiskaming & Northern Ontario Rly. Commn.	Western Union Telegraph Company	Total	
No.	No.	No.	No.	No.	No.	Tableau 5
42,612	33,033	...	97,902	...	11,001,936	<u>Télégrammes transmis</u>
...	27,653	...	5,805	...	1,733,250	Envoyée
42,612	60,686	...	103,707	...	12,735,186	Reçus des États-Unis
						Total
...	714	...	...	120,863	557,250	<u>Câblogrammes transmis</u>
...	...	...	1,090	...	1,090	<u>Messages envoyés-</u>
157	...	...	...	...	29,247	Transférés aux compagnies de câble
...	11	...	...	...	142,369	Transférés aux lignes de terre canadiennes
157	725	...	1,090	120,863	729,956	Transférés aux lignes continentales étrangères
						Transférés aux compagnies de sans-fil
						Total
...	975	...	...	83,697	534,637	<u>Messages reçus-</u>
...	...	...	772	...	772	Transférés des compagnies de câble
117	...	...	...	...	1,972	Transférés des lignes de terre canadiennes
...	100	...	...	...	93,554	Transférés des lignes continentales étrangères
117	1,075	...	772	83,697	630,935	Transférés des compagnies de sans-fil
						Total
...	...	149,939	...	...	434,914	<u>Provenant du Canada</u>
...	...	...	...	...	10,214	Reçus par lignes de terre
						Reçus de l'expéditeur au bureau du câble
...	...	149,618	...	...	263,457	<u>Arrivant au Canada</u>
...	...	...	...	...	20,798	Transmis aux lignes de terre pour livraison
						Transmis directement au destinataire
...	...	598,612	...	...	872,526	<u>En provenance de ou destinés à d'autres pays</u>
						et transmis aux stations canadiennes (cas
						ci-haut mentionnés non compris)
274	1,800	898,169	1,862	204,560	2,962,800	Total des messages passant par les
						stations canadiennes
						<u>Tableau 6 - Transferts d'argent</u>
\$ ...	\$ 5,759	\$ ...	\$ ...	\$ ...	\$ 1,215,186	<u>Transferts d'argent-</u>
...	...	...	...	...	21,593	aux États-Unis
...	...	...	...	...	16,360	au Royaume-Uni
...	5,759	...	...	...	1,253,139	d'autres pays étrangers
						Total
...	...	...	...	...	1,684,931	<u>Transferts d'argent-</u>
...	...	...	...	...	33,080	des États-Unis
...	...	...	...	...	12,474	du Royaume-Uni
760	6,329	...	...	...	1,313,114	d'autres pays étrangers
760	6,329	...	...	...	3,043,599	entre stations canadiennes
						Total
...	5,759	...	...	...	2,900,117	<u>Transferts d'argent-</u>
...	...	...	...	...	54,673	aux et des États-Unis
760	...	...	...	...	29,594	au et du Royaume-Uni
...	6,329	...	...	...	1,312,354	a et d'autres pays étrangers
760	12,088	...	...	...	4,296,738	entre stations canadiennes
						Total

a) Messages commerciaux envoyés aux vaisseaux et reçus des vaisseaux et des stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Écosse.  
b) Comprend 8,124 messages acquittés envoyés aux vaisseaux et reçus des vaisseaux en Nouvelle-Écosse.

## TELEGRAPH STATISTICS, 1936

	Canadian National Telegraphs	Canadian Pacific Railway Company	Commercial Cable Company	Dominion Government Telegraph Service	Halifax and Bermudas Cable Co.	Canadian Marconi Wireless Company	
<u>Table 7 - EMPLOYEES</u>							
Operators - Male	533	408	14	335	4	221	
Female	282	170	...	122	...	...	
Other officers and employees	1,826	1,569	25	186	6	32	
Total	2,641	2,147	39	643	10	253	
Total Salaries and Wages	\$3,282,463	\$2,678,277	\$ 79,699	\$ 383,041	\$ 12,274	\$ 342,933	
<u>Commissions Paid-</u>							
To railway employees	\$ 76,707	\$ 48,376	\$ ...	\$ ...	\$ ...	\$ ...	
To other persons	\$ 121,920	\$ 99,705	\$ ...	\$ ...	\$ ...	\$ ...	
Total	\$ 198,627	\$ 148,081	\$ ...	\$ ...	\$ ...	\$ ...	
<u>Table 8 - NUMBER OF OFFICES</u>							
Number of offices at which telegrams or cablegrams are received and forwarded in Canada	1,700	1,600	2	677	1	16	
Offices outside of Canada	5	13	...	2	...	11	
Total number of offices	1,705	1,613	2	679	1	27	
<u>Table 9 - WIRE MILEAGE IN CANADA</u>							
<u>All Overhead Wires (not in cables)-</u>							
Copper	75,401	103,966	...	...	...	...	
Iron	80,585	59,185	...	11,049	...	...	
<u>Miles of Wire in Cables-</u>							
Overhead	3,867	1,782	...	...	...	...	
Underground	1,019	3,689	...	...	...	...	
Submarine	37	411	...	300	...	...	
Total Miles of Wire in Canada	160,909	169,033	...	11,349	...	...	
Total Wire Mileage outside of Canada	2,013	4,308	...	14	...	...	
Total Wire Mileage	162,922	173,341	...	11,363	...	...	
<u>Multiple Circuits-</u>							
<u>Wire mileage (included above)-</u>							
Copper	18,894	53,118	...	...	...	...	
Iron	4,086	8,081	...	...	...	...	
Copper (outside of Canada)	71	3,386	...	...	...	...	
Iron (outside of Canada)	...	261	...	...	...	...	
Channels in Canada (Miles)	193,042	166,871	...	...	...	...	
Channels outside of Canada (Miles)	156	10,172	...	...	...	...	
Miles of cable between Canadian stations	...	...	...	...	...	...	
Miles of cable between Canadian and Foreign stations	...	...	† 7,399	...	† 870	...	
<u>Table 10 - POLE LINE MILEAGE IN CANADA</u>							
Owned by the Respondent	23,266	17,368	...	8,879	...	...	
<u>Leased from another company</u>							
Telegraph Company	977	...	...	...	...	...	
Telephone and Power Company	171	8	...	...	...	...	
Pole Line mileage outside of Canada	x 284	228	...	14	...	...	

† Nautical miles - Milles nautiques

x Includes 35 miles of pole line leased from a telegraph company outside of Canada.

x Comprend 35 milles de lignes de poteaux louées d'une compagnie de télégraph à l'extérieur du Canada.



STATISTIQUES DES TELEGRAPHES, 1936

Northern Alberta Railway Company	North American Telegraph Company	Pacific Cable Board	Temiskaming & Northern Ontario Rly. Commn.	Western Union Telegraph Company	Total	
45	6	54	6	40	1,666	<u>Tableau 7 - Employés</u>
...	...	...	1	...	575	Opérateurs
12	9	62	# 41	55	3,823	Opératrices
57	15	116	48	95	6,064	Autre officiers et employés
\$ 96,669	\$ 12,305	\$ 264,712	\$ 27,803	\$ 180,017	\$ 7,360,193	Total
\$ 1,408	\$ ...	\$ ...	\$ 3,961	\$ ...	\$ 130,452	Total des salaires et gages
\$ 164	\$ 738	\$ ...	\$ 1,364	\$ ...	\$ 223,891	<u>Commissions payées</u>
\$ 1,572	\$ 738	\$ ...	\$ 5,325	\$ ...	\$ 354,343	Aux employés de chemin de fer
						A d'autre personnes
						Total
40	15	3	35	1	4,090	<u>Tableau 8 - Nombre de Bureaux</u>
...	...	...	...	...	31	Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés au Canada
40	15	3	35	1	4,121	Bureaux à l'étranger
						Nombre total de bureaux
271	445	...	1,993	5,826	187,902	<u>Tableau 9 - Millage de fil au Canada</u>
1,987	...	...	1,492	2,616	156,914	<u>Fils suspendus (non dans des câbles)</u>
2	...	...	...	392	6,043	en cuivre
2	...	...	...	463	5,173	en fer
...	...	...	...	65	813	<u>Millage de fil dans des câbles</u>
2,262	445	...	3,485	9,362	356,845	suspendus
...	...	...	...	...	6,335	souterrains
2,262	445	...	3,485	9,362	363,180	sous-marins
						Millage total de fil au Canada
						Millage total de fil à l'extérieur du Canada
						Millage total de fil
...	...	...	ø 5,003	...	77,015	<u>Circuits multiples-</u>
...	...	...	ø 88	...	12,255	<u>Milles de fil (Inclus plus haut)-</u>
...	...	...	...	...	...	Cuivre
...	...	...	...	...	261	Fer
...	...	...	3,021	...	362,934	Cuivre (à l'extérieur du Canada)
...	...	...	...	...	10,328	Fer (à l'extérieur du Canada)
...	...	...	...	+ 250	+ 250	Canalisation au Canada (en milles)
...	...	+ 20,750	...	+ 3,766	+ 32,785	Canalisations hors du Canada (en milles)
920	...	...	575	844	51,852	Millage de câbles entre stations canadiennes
1	...	...	...	...	1,220	Millage de câbles entre stations canadiennes et stations étrangères
5	345	...	...	...	529	<u>Tableau 10 - Millage de lignes sur poteaux</u>
...	...	...	...	...	520	<u>Occupées par le propriétaire au Canada</u>
						<u>Louées d'une autre compagnie</u>
						Compagnie de télégraphe
						Compagnie de téléphone ou d'énergie élec- trique
						Millage de lignes sur poteaux à l'étranger

Includes part time employees - Comprend les employés à temps partiel.  
Telephone wires - Fils téléphoniques.  
Nautical miles - Milles nautiques.



TELEGRAPH STATISTICS, 1936

	Pr. Edward Island Ile du Prince Edouard	Nova Scotia  Nouvelle Ecosse	New Brunswick  Nouveau Brunswick	Quebec  Quebec	Ontario  Ontario	Manitoba  Manitoba	Saskat- chewan  Saskat- chewan
Table 11.							
Pole line mileage	235	2,799	2,323	6,920	11,793	4,210	8,987
Wire mileage	807	15,143	16,094	44,739	125,258	30,934	49,408
Number of offices	33	235	143	713	1,054	285	650
Telegrams sent	76,892	627,910	425,932	2,297,604	4,242,724	905,356	537,819

Table 12 - MARCONI WIRELESS MESSAGES	Year ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1936	1935	1936
Commercial messages sent to ships and stations	5,429	5,674	7,762
Commercial messages received from ships and stations	6,953	6,546	13,176
Messages sent to Government ships	55	221	1,271
Messages received from Government ships	198	307	1,872
Service messages sent to ships and stations	1,044	1,883	3,835
Service messages received from ships and stations	1,161	1,939	3,789
Government messages sent to stations	45	685	2,655
Government messages received from stations	2,126	2,130	4,677
Total	17,011	19,385	39,037

Table 13 - MATERIALS USED, 1936		Tableau 13 - Matériaux utilisés, 1936		
	Unit of Measurement Unité de Mesure	Quantity Quantité	Cost Value delivered at works Coût des matériaux à pied d'oeuvre	
Lumber	Ft. Pieds	2,000	\$ 223	Bois de charpente
Poles, telegraph	No. Nomb.	26,743	77,154	Perches de télégraph
Posts	No. Nomb.	205	106	Poteaux
Wire, galvanized	Tons Tonnes	140	14,435	Fil galvanisé
Wire, copper	Tons Tonnes	227	82,537	Fil de cuivre
Storage batteries	No. Nomb.	377	507	Accumulateurs
Acids	Lbs. Livres	135	3	Acides
Other materials		...	482,989	Autres matériaux
Total			657,954	Total

- (1) Includes 529 miles of telephone or power company lines leased from another company and 35 miles leased from a telegraph company outside of Canada. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence river and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

STATISTIQUES DES TELEGRAPHES, 1936

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	
Alberta	Colombia Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	Tableau 11
7,220	6,097	1,747	14	512	...	(1) 52,907	Millage des lignes sur poteaux
39,733	32,693	2,036	14	6,321	...	363,180	Millage des fils
439	460	78	..	...	31	4,121	Nombre de bureaux
789,235	1,051,566	46,898	..	...	...	11,001,936	Télégrammes envoyés

Année terminée le 31 décembre			Tableau 12 - Messages de la Canadian Marconi
Québec	(4) Ontario		
1935	1936	1935	
7,138	2,538	2,318	Messages commerciaux aux vaisseaux et aux stations
12,382	9,681	8,476	Messages commerciaux des vaisseaux et des stations
1,504	485	355	Messages aux vaisseaux du Gouvernement
1,673	2,405	1,645	Messages des vaisseaux du Gouvernement
4,174	2,636	2,394	Messages de service aux vaisseaux et aux stations
4,187	2,665	2,449	Messages de service des vaisseaux et des stations
2,572	247	180	Messages du Gouvernement aux stations
3,832	759	631	Messages du Gouvernement des stations
37,462	21,416	18,448	Total

Table 14 - VALUE OF WORK CARRIED OUT, 1936

Tableau 14 - Valeur des travaux exécutés, 1936

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction nouvelle	Modifications, entretien et réparations	Total	
	\$	\$	\$	
by company employees	146,190	889,507	1,035,697	Par les employés de la compagnie

- 1) Comprend 529 milles de lignes de compagnie de téléphone ou d'électricité loués d'une autre compagnie et 35 milles loués d'une compagnie de télégraphe en dehors du Canada. Ne comprend pas le parcours d'une ligne de poteaux louée d'une autre compagnie de télégraphe au Canada.
- 2) Les messages envoyés aux et reçus des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- 3) Les messages envoyés aux et reçus des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- 4) Les messages envoyés aux et reçus des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.









56-201

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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

---

**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1937**

---



OTTAWA  
1938

Price 10 cents



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

1 9 3 7

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta and Temiskaming and Northern Ontario railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been credited to revenues. It also relays trans-Atlantic messages at Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence river and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

Gross revenues of all systems increased from \$10,378,873 in 1936 to \$11,410,333. operating expenses increased from \$8,710,349 to \$9,467,398, and net revenues were increased from \$1,668,524 to \$1,942,935.

The number of telegrams originated in Canada and received from the United States for delivery in Canada were 11,644,209 and 1,812,121 respectively, or a total of 13,456,330, and the numbers of cablegrams forwarded and received were 796,572 and 692,195 respectively. The total value of money transferred by telegraph amounted to \$4,550,731 as against \$4,296,738 in 1936.

The number of full time employees increased from 6,064 to 6,401 and salaries and wages increased from \$7,360,193 to \$8,075,838, exclusive of commissions amounting to \$354,343 in 1936 and \$379,522 in 1937.

15/8/38



BUREAU FEDERAL DE LA STATISTIQUE  
BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES

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Statisticien du Dominion: R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chef de la Branche des Transports et Utilités Publiques: G.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 3 7

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacific, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'ouest jusqu'aux Territoire du Yukon ainsi qu'un court millage en Ontario, ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et des compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations ont été classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique ont été inclus avec les câblogrammes.

Les revenus bruts de tous les réseaux passent de \$10,378,873 en 1936 à \$11,410,333 les dépenses d'opération de \$8,710,349 à \$9,467,398 et les revenus nets de \$1,668,524 à \$1,942,935.

Le nombre de télégrammes envoyés du Canada et reçus des Etats Unis pour livraison au Canada se chiffre à 11,644,209 et 1,812,121 respectivement, soit un total de 13,456,330, et les nombres de câblogrammes envoyés et reçus atteignent 796,572 et 692,195 respectivement. La valeur totale d'argent transférée par télégraphe se chiffre à \$4,550,731 contre \$4,296,738 en 1936.

Le nombre d'employés à temps entier passe de 6,064 à 6,401 et les salaires et gages augmentent de \$7,360,193 à \$8,075,838, sans compter les commissions se chiffrant à \$354,343 en 1936 et \$379,522 en 1937.

Table 1.  
Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,256,441	12,590,364	3,666,077	2,676,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265

  

Year Année	Pole Line Mileage Milles de lignes sur poteaux	Wire Mileage Milles de fil	Employees <sup>(1)</sup> Employés <sup>(1)</sup>	Salaries and Wages Salaires et gages
				\$
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,030,830
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,838

  

Year Année	Telegrams - Télégrammes		Cablegrams <sup>(3)</sup> Câblogrammes <sup>(3)</sup>	Money Transfers Transferts d'argent
	Sent <sup>(2)</sup> Envoyés <sup>(2)</sup>	Received from the United States Reçus des Etats-Unis		
				\$
1928	13,643,382	3,165,892	2,279,293	9,776,090
1929	14,673,268	3,308,737	2,086,549	11,295,857
1930	12,991,348	2,535,777	2,053,059	10,213,475
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,400,043	1,514,321	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,854
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731

- (1) Excludes commission operators.  
(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.  
(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.
- (1) A l'exclusion de la commission des opérateurs.  
(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.  
(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1937

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
	\$	\$	\$	\$	\$	\$
<b>COSTS OF MAINTENANCE AND EQUIPMENT</b>	19,710,692	18,063,287	2,580,000	280,808	15,037	299,725
<b>REVENUES</b>						
500 Commercial telegraph tolls	3,259,032	2,592,737	220,030	22,104	14,858	75,187
501 Telegraph tolls on cable messages	230,106	335,514	...	57	...	198
502 Government telegraph tolls	...	28,591	...	...	...	...
503 Press telegraph tolls	88,737	139,689	...	251	...	1,159
504 Money transfer tolls	42,220	19,568	...	7	246	525
505 Stock and commercial news revenue	551,479	179,926	...	...	...	251
506 Other telegraph transmission revenue	51,442	...	...	...	...	539
510 Commercial cable tolls	...	...	...	...	...	...
512 ...	...	...	...	...	...	...
511 & 513 ... cable transmission to ...	...	...	...	...	...	...
520 Revenue from leased lines and wires	558,062	897,528	...	...	396,562	35,763
521 Rents from other operated property	60,189	56,139	...	...	...	...
522 Money transfer premiums	22,892	8,994	...	...	...	...
523-525 Other non-transmission revenue	18,751	15,189	3,468	...	14	19
<b>Total</b>	<b>4,883,110</b>	<b>4,273,875</b>	<b>223,498</b>	<b>22,419</b>	<b>411,680</b>	<b>113,641</b>
<b>Table 3. EXPENSES</b>						
600-611 Maintenance of line & equipment	807,538	690,379	222,700	...	513	24,076
620 Supervision of operations	276,455	259,730	22,120	...	...	902
621 Operators	1,110,471	758,583	200,118	7,851	...	13,941
632 Commissions	213,871	139,625	17,078	1,861	836	6,046
620;622-631;633-635 Other operating expenses	1,408,609	1,007,029	24,000	1,061	400,066	18,342
640-641 Salaries of general officers and general office clerks	90,766	33,791	20,430	...	3,500	1,613
642-644 General office expenses	19,428	13,818	2,000	...	420	...
645 General law expenses	332	43	...	...	...	...
646 Insurance	...	5,718	...	...	38	...
642-654 Other general expenses	48,947	10,881	20,350	...	2,101	...
<b>Total</b>	<b>3,976,417</b>	<b>2,919,597</b>	<b>528,794</b>	<b>10,773</b>	<b>416,803</b>	<b>64,920</b>
<b>Table 4.</b>						
<b>NET OPERATING REVENUE</b>	906,693	1,354,278	Dr. 305,296	11,646	Dr. 5,123	48,721
310-311 Lease of plant and rents	20,000	...	...	...	...	...
302;311-316 Other income	2,870	...	...	...	5,460	...
<b>Gross income</b>	<b>929,563</b>	<b>1,354,278</b>	<b>Dr. 305,296</b>	<b>11,646</b>	<b>337</b>	<b>48,721</b>
305 Taxes	82,944	53,016	...	454	957	...
320-321 Rents payable	227,500	...	...	982	...	...
322 Interest on funded debt	...	...	...	...	...	...
303-304;323-328 Other deductions	44,256	16,111	...	...	810	...
<b>Total deductions</b>	<b>354,700</b>	<b>69,127</b>	<b>...</b>	<b>1,436</b>	<b>1,767</b>	<b>...</b>
<b>Net income</b>	<b>574,863</b>	<b>1,285,151</b>	<b>Dr. 305,296</b>	<b>10,210</b>	<b>Dr. 1,430</b>	<b>48,721</b>

\* \$101,942 is a credit for maintenance expenses on through traffic.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1937

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
\$	\$	\$	\$	\$	\$	Tableau 2.
2,106,006	1,486,806	514,213	18,816	300,000	45,375,383	Coût de la propriété et de l'outillage au Canada
101,942	...	...	...	...	6,286,090	<u>RECETTES</u>
...	...	...	...	...	565,875	Droits sur télégrammes commerciaux
...	...	...	...	...	28,591	Droits des compagnies de télégraphe sur câblogrammes
...	...	...	...	...	229,836	Droits sur télégrammes officiels
...	...	...	...	...	62,566	Droits sur télégrammes de la presse
...	...	...	...	...	731,656	Droits sur transferts d'argent
...	...	...	...	...	51,981	Messages financiers et commerciaux
53,916	931,997	150,025	29,330	175,347	1,340,615	Autres expéditions de messages
...	...	...	...	10,902	10,902	Droits sur câblogrammes commerciaux
...	...	...	...	11,634	11,634	Droits sur câblogrammes de la presse
...	...	...	...	...	1,887,915	Autres expéditions de câblogrammes
...	...	...	...	...	116,328	Loyer de lignes et de fils
...	...	...	...	...	31,886	Loyer sur autre propriété exploitée
17,017	...	...	...	...	54,458	Primes sur transferts d'argent
172,875	931,997	150,025	29,330	197,883	11,410,333	Autres revenus divers
						Total
						<u>Tableau 3.- DEPENSES</u>
3,018	286,512	37,447	315	127,504	2,200,002	Entretien des lignes et de l'outillage
9,116	...	...	...	...	568,323	Surveillance de l'exploitation
24,710	269,492	33,633	5,564	158,156	2,591,848	Opérateurs
94	...	...	...	...	379,409	Commissions
22,662	...	32,235	6,844	92,907	3,013,755	Autres dépenses d'exploitation
12,666	77,176	...	4,148	91,475	335,565	Salaires des officiers et des commis du siège social
45	...	...	...	...	35,711	Dépenses générales du siège social
...	...	...	...	...	375	Frais juridiques généraux
...	...	...	...	...	5,756	Assurance
105,877	103,150	24,527	10,501	10,320	336,654	Autres dépenses générales
178,188	736,330	127,842	27,372	480,362	9,467,398	Total
						<u>Tableau 4.</u>
r. 5,313	195,667	22,183	1,958	Dr. 282,479	1,942,935	<u>RECETTES NETTES D'EXPLOITATION</u>
...	33,192	...	...	...	53,192	Location d'établissement et loyers
...	2,100,687	...	...	...	2,109,017	Autre revenu
r. 5,313	2,329,546	22,183	1,958	Dr. 282,479	4,105,144	Revenu brut
643	19,638	10,376	...	...	168,028	Taxes
4,000	...	...	...	...	232,482	Loyers à percevoir
...	...	...	...	...	...	Intérêt sur la dette fondée
...	1,869,192	...	...	...	1,930,369	Autres déductions
4,643	1,888,830	10,376	...	...	2,330,879	Déductions totales
9,956	440,716	11,807	1,958	Dr. 232,479	1,774,266	Revenu net

\$101,942 est un crédit pour les dépenses d'entretien sur les messages relayés.



## TELEGRAPH AND CABLE STATISTICS

Table 5.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
	No.	No.	No.	No.	No.	No.
<u>TELEGRAMS TRANSMITTED</u>						
Sent	6,362,671	4,623,678	425,094	46,210	36,282	111,421
Received from the United States	1,280,189	496,338	...	...	29,698	5,896
Total Number	7,642,860	5,120,016	425,094	46,210	65,980	117,317
<u>CABLEGRAMS TRANSMITTED</u>						
<u>Messages sent-</u>						
Transferred to cable companies	149,689	311,864	...	...	1,020	...
Transferred to Canadian land lines	...	...	...	186	...	1,094
Transferred to foreign land lines	31,515	...	...	...	...	...
Transferred to wireless companies	136,100	...	...	...	9	...
Total	317,304	311,864	...	186	1,029	1,094
<u>Messages received-</u>						
Transferred from cable companies	138,662	331,770	...	...	1,138	...
Transferred from Canadian land lines	...	...	...	135	...	848
Transferred from foreign land lines	2,030	...	...	...	...	...
Transferred to wireless companies	91,540	...	...	...	116	...
Total	232,232	331,770	...	135	1,254	848
<u>Originated in Canada-</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>Terminated in Canada-</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressee	...	...	...	...	...	...
<u>Originated and terminated in other countries and handled at Canadian stations (not included above)</u>	...	...	...	...	...	...
Total all Messages handled at Canadian Stations	549,536	643,634	...	321	2,283	1,942
<u>Table 6.- MONEY TRANSFERS</u>						
<u>Money transfers to-</u>						
United States	\$ 914,148	\$ 287,586	\$ ...	\$ ....	\$ 6,640	\$ ...
United Kingdom	24,837	...	...	...	...	...
Other foreign countries	22,250	...	...	...	...	...
Total	961,235	287,586	...	...	6,640	...
<u>Money transfers from-</u>						
United States	1,524,720	233,968	...	...	...	...
United Kingdom	35,580	...	...	...	...	...
Other foreign countries	7,954	...	...	...	...	...
Between Canadian stations	956,586	527,393	...	729	8,340	...
Total	2,524,840	761,361	...	729	8,340	...
<u>Money transfers to and from-</u>						
United States	2,438,868	521,554	...	...	6,640	...
United Kingdom	60,417	...	...	...	...	...
Other foreign countries	30,204	...	...	...	...	...
Between Canadian stations	956,586	527,393	...	729	8,340	...
Total	3,486,075	1,048,947	...	729	14,980	...

(a) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
 (b) Includes 7,832 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1937

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	Tableau 5.
...	(a) 38,853	...	...	...	11,644,209	<u>TELEGRAMMES TRANSMIS</u>
...	...	...	...	...	1,812,121	Envoyés
...	(a) 38,853	...	...	...	13,456,330	Reçus des Etats-Unis
						Total
135,926	...	...	...	...	598,499	<u>CABLOGRAMMES TRANSMIS</u>
...	...	...	...	...	1,280	Messages envoyés-
...	...	...	...	...	31,515	Transférés aux compagnies de câble
...	...	...	...	...	136,109	Transférés aux lignes de terre canadiennes
135,926	...	...	...	...	767,403	Transférés aux lignes continentales étrangères
						Transférés aux compagnies de sans-fil
						Total
90,864	...	...	...	...	562,434	<u>Messages reçus-</u>
...	...	...	...	...	983	Transférés des compagnies de câble
...	...	...	...	...	2,030	Transférés des lignes de terre canadiennes
...	...	...	...	...	91,656	Transférés des lignes continentales étrangères
90,864	...	...	...	...	657,103	Transférés aux compagnies de sans-fil
						Total
...	(b) 145,042	128,033	20,135	161,624	454,834	<u>Provenant du Canada-</u>
...	27,143	...	2,026	...	29,169	Reçus par lignes de terre
...	95,741	...	18,115	144,833	258,689	Reçus de l'expéditeur au bureau du câble
...	30,722	...	4,370	...	35,092	<u>Arrivant au Canada-</u>
...	71,804	...	225,528	626,242	923,664	Transmis aux lignes de terre pour livraison
226,790	370,542	128,033	270,174	932,699	3,125,954	Transmis directement au destinataire
						<u>En provenance de et destinés à d'autres</u>
						pays et transmis aux stations canadiennes
						(cas ci-haut non compris)
						Total des messages passant par les stations canadiennes
						<u>Tableau 6. TRANSFERTS D'ARGENT</u>
\$	\$	\$	\$	\$	\$1,208,374	<u>Transferts d'argent-</u>
...	...	...	...	...	24,837	aux Etats-Unis
...	...	...	...	...	22,250	au Royaume-Uni
...	...	...	...	...	1,255,461	à d'autres pays étrangers
...	...	...	...	...		Total
...	...	...	...	...	1,758,688	<u>Transferts d'argent-</u>
...	...	...	...	...	35,580	des Etats-Unis
...	...	...	...	...	7,954	du Royaume-Uni
...	...	...	...	...	1,493,048	d'autres pays étrangers
...	...	...	...	...	3,295,270	entre stations canadiennes
...	...	...	...	...		Total
...	...	...	...	...	2,967,062	<u>Transferts d'argent-</u>
...	...	...	...	...	60,417	aux et des Etats-Unis
...	...	...	...	...	30,204	au et du Royaume-Uni
...	...	...	...	...	1,493,043	à et d'autres pays étrangers
...	...	...	...	...	4,556,000	entre stations canadiennes
...	...	...	...	...		Total

a) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.  
b) Comprend 7,832 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

## TELEGRAPH AND CABLE STATISTICS, 1937

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
<b>Table 7. - EMPLOYEES</b>						
Operators- Male	558	483	332	48	6	9
Female	267	171	123	..	..	1
Other officers and employees	1,985	1,619	185	11	10	# 81
Total	2,810	2,273	640	59	16	91
Total salaries and wages	\$3,606,076	\$2,996,769	\$383,647	\$104,126	\$12,829	\$34,546
Commissions paid-						
To railway employees	\$ 86,100	\$ 58,750	\$ ...	\$ 1,732	\$ ...	\$ 4,378
To other persons	\$ 127,771	\$ 98,158	\$ ...	\$ 129	\$ 836	\$ 1,668
Total	\$ 213,871	\$ 156,908	\$ ...	\$ 1,861	\$ 836	\$ 6,046
<b>Table 8. - NUMBER OF OFFICES</b>						
Number of offices at which telegrams or cablegrams are received and forwarded	2,340	1,600	67	41	15	35
Offices outside of Canada	6	12	2	..	..	..
Total number of offices	2,346	1,612	69	41	15	35
<b>Table 9. - WIRE MILEAGE IN CANADA</b>						
All Overhead Wires (not in cables)-						
Copper	78,912	109,079	..	271	445	2,057
Iron	77,041	59,111	..	1,987	..	1,373
Miles of Wire in cables-						
Overhead	4,409	1,854	..	2	..	..
Underground	1,060	3,733	..	2	..	..
Submarine	31	416	..	..	..	..
Total miles of wire in Canada	161,453	174,193	..	2,262	445	3,430
Total wire mileage outside of Canada	2,074	4,311	14	..	..	..
Total wire mileage	163,527	178,504	14,789	2,262	445	3,430
Multiple Circuits-						
Wire mileage-						
Telegraph (included above)	18,526	54,847	..	..	..	5,093
Telephone	2,521	8,551	..	..	..	140
Telegraph (outside of Canada)	115	3,386	..	..	..	..
Telephone (outside of Canada)	..	261	..	..	..	..
Channels normally used in Canada (miles)	194,673	172,837	..	..	..	3,484
Channels normally used outside of Canada (miles)	244	10,172	..	..	..	..
Miles of cable between Canadian stations	..	..	..	..	..	..
Miles of cable between Canadian and Foreign stns.	..	..	..	..	..	..
<b>Table 10. - POLE LINE MILEAGE IN CANADA</b>						
Owned by the respondent	23,283	17,409	8,915	920	..	575
Leased from another company-						
Telegraph company	977	..	..	1	..	..
Telephone and Power company	173	8	..	5	345	..
Pole line mileage outside of Canada	x 283	228	14	..	..	..

x Includes 35 miles of pole line leased from a telegraph company outside of Canada.

x Comprend 35 milles de lignes sur poteaux louees d'une compagnie de telegraphe a l'exterieur du Canada.



## STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1937

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
40	202	14	4	64	1,760	<u>Tableau 7. - EMPLOYES</u>
..	..	..	..	..	562	Opérateurs
57	34	27	5	65	4,079	Opératrices
97	236	41	9	129	6,401	Autres officiers et employés
\$191,255	\$352,707	\$82,699	\$10,654	\$300,530	\$8,075,838	Total
\$ ..	\$ ..	\$ ..	\$ ..	\$ ..	\$ 150,960	Total des salaires et gages
\$ ..	\$ ..	\$ ..	\$ ..	\$ ..	\$ 228,562	<u>Commissions payées</u>
\$ ..	\$ ..	\$ ..	\$ ..	\$ ..	\$ 379,522	Aux employés de chemin de fer
						A d'autres personnes
						Total
1	16	2	1	3	4,730	<u>Tableau 8. - NOMBRE DE BUREAUX</u>
...	11	...	...	...	31	Nombre de bureaux ou les câblogrammes et les télégrammes sont reçus et envoyés au Canada
1	27	2	1	3	4,761	Bureaux à l'étranger
						Nombre total de bureaux
5,278	...	...	...	...	196,193	<u>Tableau 9. - MILLAGE DE FIL AU CANADA</u>
3,127	...	...	...	...	153,928	<u>Fils suspendus (non dans des câbles)-</u>
450	...	...	...	...	6,715	en cuivre
532	...	...	...	...	5,327	en fer
67	...	...	...	...	849	<u>Millage de fil dans des câbles -</u>
9,454	...	...	...	...	363,012	suspendus
...	...	...	...	...	6,399	souterrains
9,454	...	...	...	...	369,411	sous-marins
						Millage total de fil au Canada
						Millage total de fil à l'extérieur du Canada
						Millage total de fil
...	...	...	...	...	78,466	<u>Circuits multiples-</u>
...	...	...	...	...	11,212	<u>Milles de fil-</u>
...	...	...	...	...	3,501	Télégraphe (compris plus haut)
...	...	...	...	...	261	Téléphone
...	...	...	...	...	370,994	Télégraphe (hors du Canada)
...	...	...	...	...	10,416	Téléphone (hors du Canada)
+ 250	...	...	...	...	+ 250	Voies normalement utilisées au Canada (milles)
+ 3,766	...	+ 7,399	+ 870	+ 20,750	+ 32,785	Voies normalement utilisées hors du Canada (milles)
843	...	...	...	...	51,945	Milles de câble entre stations canadiennes
241	...	...	...	...	1,219	Milles de câble entre stations canadiennes et étrangères
...	...	...	...	...	531	<u>Tableau 10 - MILLAGE DE LIGNES SUR POTEAUX AU CANADA</u>
...	...	...	...	...	x 525	Occupées par le propriétaire
						Louées d'une autre compagnie-
						Compagnie de télégraphe
						Compagnie de téléphone ou d'énergie électrique
						Millage de lignes sur poteaux à l'étranger

Includes 68 part time employees. Comprend 68 employés à temps partiel.  
 Nautical miles - milles nautiques.  
 Telephone wires - Fils téléphoniques.



TELEGRAPH AND CABLE STATISTICS, 1937

Table 11.	Pr. Edward Island Ile du Prince Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Québec	Ontario	Manitoba	Saskat- chewan Saskat- chewan
Pole line mileage	285	2,798	2,314	7,059	11,767	4,211	8,992
Wire mileage	807	15,169	16,318	45,423	127,207	31,219	49,694
Number of offices	36	265	175	860	1,388	319	665
Telegrams sent	74,416	638,047	464,406	2,518,864	4,311,247	1,048,481	503,193

Table 12.- MARCONI WIRELESS MESSAGES

	Year ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1937	1936	1937
Commercial messages sent to ships and stations	5,467	5,429	9,242
Commercial messages received from ships and stations	6,615	6,953	14,144
Messages sent to government ships	95	55	1,274
Messages received from government ships	267	198	1,688
Service messages sent to ships and stations	1,025	1,044	2,768
Service messages received from ships and stations	1,143	1,161	2,616
Government messages sent to stations	62	45	2,650
Government messages received from stations	3,126	2,126	5,467
Total	17,800	17,011	39,849

Table 13. MATERIALS USED, 1937

Tableau 13 - MATERIAUX EMPLOYES, 1937

	Unit of Measurement Unite de Mesure	Quantity Quantité	Cost Value delivered at works Coût des matériaux à pied d'oeuvre	
Lumber	Ft. Pieds	3,500	\$ 133	Bois de charpente
Poles, telegraph	No. Nomb.	34,209	103,039	Poteaux de télégraphe
Posts	No. Nomb.	3,698	1,299	Piquets
Wire, galvanized	Lb. Livres	441,687	23,991	Fil galvanisé
Wire, copper	Lb. Livres	2,499,537	502,650	Fil de cuivre
Storage batteries	No. Nomb.	341	2,864	Accumulateurs
Acids	Lb. Livres	2,832	62	Acides
Other materials			1,167,692	Autres matériaux
Total			1,801,730	Total

- (1) Includes 531 miles of telephone or power company lines leased from another company and 35 miles leased from a telegraph company outside of Canada. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence river and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1937

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	
Alberta	Colombie Britannique	Yukon	Terre-Neuve	Etats Unis	A l'extérieur du Canada	Total	Tableau 11.
7,229	6,074	1,747	14	511	...	(1) 53,001	Millage des lignes sur poteaux
40,101	35,038	2,036	14	6,385	...	369,411	Millage des fils
454	490	78	...	...	31	4,761	Nombre de bureaux
909,983	1,119,578	55,994	...	...	...	11,644,209	Télégrammes envoyés

Année terminée le 31 décembre			Tableau 12 - RADIOGRAMMES MARCONI
Québec	(4) Ontario		
1936	1937	1936	
7,762	2,018	2,538	Messages commerciaux aux vaisseaux et aux stations
13,176	9,199	9,681	Messages commerciaux des vaisseaux et des stations
1,271	601	485	Messages aux vaisseaux du Gouvernement
1,872	2,978	2,405	Messages des vaisseaux du Gouvernement
3,835	1,591	2,636	Messages de service aux vaisseaux et aux stations
3,789	1,630	2,665	Messages de service des vaisseaux et des stations
2,655	220	247	Messages du Gouvernement aux stations
4,677	766	759	Messages du Gouvernement des stations
39,037	19,003	21,416	Total

Table 14 - VALUE OF WORK CARRIED OUT, 1937			Tableau 14 - VALEUR DES TRAVAUX EXECUTES, 1937	
	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction nouvelle	Modifications, entretien et réparations	Total	
	\$	\$	\$	
By company employees	1,456,025	1,003,782	2,459,807	Par les employés de la compagnie
By contractors	3,393	14,860	18,253	Par des entrepreneurs
Total	1,459,418	1,018,642	2,478,060	Total

- (1) Comprend 531 milles de lignes de compagnie de téléphone ou d'électricité loués d'une autre compagnie et 35 milles loués d'une compagnie de télégraphe en dehors du Canada. Ne comprend pas le parcours d'une ligne de poteaux louée d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.









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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1938**

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OTTAWA  
1939

Price 10 cents



Published by Authority of the Honourable W. D. Euler, M.P.,  
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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., FR.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

1 9 3 8

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta and Temiskaming and Northern Ontario railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been credited to revenues. It also relays trans-Atlantic messages at Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

The cost of property and equipment continued to increase, rising from \$45,375,383 in 1937 to \$46,365,847. Gross income declined by 7 per cent to \$10,611,207 and operating expenses by less than one per cent to \$9,399,631.

Pole line mileage was reduced to 52,708 miles but the wire mileage was increased to 373,283 miles. The number of employees was reduced from 6,401 to 6,347 but the pay roll was increased from \$8,075,838 to \$8,205,518. The employees exclude those on a commission basis and also the commissions are excluded from the wages; these amounted to \$324,711.

The number of telegrams sent declined to 11,220,047 from 11,644,209 in 1937 and the number received from the United States for delivery in Canada declined from 1,812,121 in 1937 to 1,625,177, making the total number of telegrams handled 12,845,224. Cablegrams, exclusive of wireless messages to vessels at sea declined from 1,488,767 to 1,404,244.

During the year \$4,103,690 was transferred by telegraph, compared with \$4,550,731 in 1937.



**BUREAU FEDERAL DE LA STATISTIQUE**  
**BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES**

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Statisticien du Dominion: R. H. Coats, LL. D., F.R.S.C., F.S.S. (Hon.)  
Chef de la Branche des Transports et Utilités Publiques: G.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 3 8

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacific, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et des compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations ont été classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique ont été inclus avec les câblogrammes.

Le coût de la propriété et de l'outillage continue d'augmenter, passant de \$45,375,383 en 1937 à \$46,365,847. Les recettes brutes déclinent de 7 p.c. à \$10,611,207 et les dépenses d'exploitation, de moins de 1 p.c. à \$9,399,631.

Le millage des lignes sur poteaux est réduit à 52,708 milles, mais le millage des fils augmente à 373,283 milles. Le nombre d'employés passe de 6,401 à 6,347, mais le bordereau de paye augmente de \$8,075,838 à \$8,205,518. Les employés ne comprennent pas les personnes à commission; de même, les commissions sont exclues des salaires, elles s'élèvent à \$324,711.

Les télégrammes envoyés déclinent à 11,220,047 en regard de 11,644,209 en 1937 et les télégrammes reçus des Etats-Unis pour livraison au Canada diminuent de 1,812,121 en 1937 à 1,625,177, soit un total de 12,845,224 télégrammes. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, passent de 1,488,767 à 1,404,244.

Pendant l'année les transferts télégraphiques d'argent se placent à \$4,103,690 comparativement à \$4,550,731 en 1937.

8/14/39

Table 1.

Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
1929	\$ 37,747,408	\$ 16,256,441	\$ 12,590,364	\$ 3,666,077	\$ 2,876,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,180,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,150,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781

Year Année	Pole Line Mileage Milles de lignes sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et gages
1929	52,835	360,883	8,056	\$ 9,379,779
1930	52,824	367,721	7,331	8,674,455
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,451,847
1935	53,034	365,518	5,903	7,050,830
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,838
1938	52,708	373,283	6,347	8,205,518

Year Année	Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
	Sent (2)	Received from the United States		
	Envoyés (2)	Reçus des Etats-Unis		
1929	14,673,268	3,308,737	2,086,549	\$ 11,295,657
1930	12,991,548	2,535,777	2,053,059	10,213,475
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,400,043	1,514,521	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,854
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	1,625,177	1,404,244	4,103,690

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships on the Gulf of St. Lawrence and Atlantic Ocean.

(1) À l'exclusion de la commission des opérateurs.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1938

Table 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	20,050,183	18,739,187	2,610,000	280,808	14,218	300,838
<u>REVENUES</u>						
500 Commercial telegraph tolls	2,938,016	2,366,735	204,690	20,156	14,751	70,152
501 Telegraph tolls on cable messages	215,583	323,281	...	43	...	180
502 Government telegraph tolls	...	33,572	...	...	...	...
503 Press telegraph tolls	94,787	139,722	...	246	...	1,308
504 Money transfer tolls	42,630	18,508	...	2	248	504
505 Stock and commercial news revenue	474,693	147,244	...	...	...	15
506 Other telegraph transmission revenue	58,261	...	...	...	...	364
510 Commercial cable tolls	...	...	...	...	...	...
512 Press cable tolls	...	...	...	...	...	...
511 & 513 Other cable transmission revenue	...	...	...	...	...	...
520 Rents from leased lines and wires	538,226	878,433	...	...	369,151	32,658
521 Rents from other operated property	73,827	70,215	...	...	...	...
522 Money transfer premiums	21,019	8,112	...	...	...	...
523-525 Other non-transmission revenue	14,086	14,456	3,015	...	10	15
Total	4,471,128	4,000,278	207,705	20,447	384,160	105,196
<u>Table 3.- EXPENSES</u>						
600-611 Maintenance of line & equipment	707,030	781,474	210,817	...	843	15,498
620 Supervision of operations	291,470	258,458	21,738	...	...	902
621 Operators	1,118,945	777,067	201,427	6,864	10,177	14,547
632 Commissions	189,101	109,003	14,959	1,586	797	5,678
620;622-631;633-635 Other operating expenses	1,400,676	1,030,624	23,000	2,421	372,970	17,526
640-641 Salaries of general officers and general office clerks	94,686	40,627	22,620	...	2,743	1,943
642-644 General office expenses	21,238	20,313	2,225	...	414	...
645 General law expenses	342	36	...	...	...	...
646 Insurance	...	6,695	...	...	39	...
642-654 Other general expenses	59,451	12,317	24,424	...	774	...
Total	3,882,939	3,036,614	521,210	10,871	388,757	56,094
<u>Table 4.</u>						
<u>NET OPERATING REVENUE</u>	588,189	963,664	Dr.313,505	9,576	Dr.4,597	49,102
310-311 Lease of plant and rents	20,000	...	...	...	...	...
502;311-316 Other income	5,060	...	...	...	5,325	...
Gross income	613,249	963,664	Dr.313,505	9,576	728	49,102
305 Taxes	88,758	56,739	...	551	1,226	...
320-321 Rents payable	227,500	...	...	949	...	...
322 Interest on funded debt	...	...	...	...	...	...
303-304;323-328 Other deductions	53,943	12,159	...	...	...	...
Total deductions	370,201	68,898	...	1,500	1,226	...
Net income	243,048	894,766	Dr.313,505	8,076	Dr. 498	49,102

✓ \$88,743 is a credit for maintenance expenses on through traffic.



## STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1938

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	Tableau 2.
\$	\$	\$	\$	\$	\$	
2,046,836	1,490,748	514,213	18,816	300,000	46,365,847	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
88,743	...	...	...	...	5,703,243	<u>RECETTES</u>
...	...	...	...	...	539,087	Droits sur télégrammes commerciaux
...	...	...	...	...	33,572	Droits des compagnies de télégraphe sur câblogrammes
...	...	...	...	...	236,063	Droits sur télégrammes officiels
...	...	...	...	...	61,892	Droits sur télégrammes de la presse
...	...	...	...	...	621,952	Droits sur transferts d'argent
...	...	...	...	...	58,625	Messages financiers et commerciaux
46,053	930,054	122,346	28,523	164,678	1,291,654	Autres expéditions de messages
...	...	...	...	9,756	9,756	Droits sur câblogrammes commerciaux
...	...	...	...	15,711	15,711	Droits sur câblogrammes de la presse
...	...	...	...	...	1,818,468	Autres expéditions de câblogrammes
...	...	...	...	...	144,042	Loyer de lignes et de fils
...	...	...	...	...	29,131	Loyer sur autre propriété exploitée
18,429	...	...	...	...	48,011	Primes sur transferts d'argent
151,225	930,054	122,346	28,523	190,145	10,611,207	Autres revenus divers
						Total
2,677	275,737	27,555	1,027	129,930	2,152,588	Tableau 3.- DEPENSES
9,156	...	...	...	...	581,724	Entretien des lignes et de l'outillage
24,827	268,446	33,455	4,145	166,511	2,626,411	Surveillance de l'exploitation
24	...	...	...	...	321,148	Opérateurs
22,877	...	31,751	6,535	74,609	2,982,989	Commissions
12,621	71,313	...	3,586	93,371	343,510	Autres dépenses d'exploitation
91	...	...	...	...	44,281	Salaires des officiers et des commis du siège social
...	...	...	...	...	378	Dépenses générales du siège social
...	...	...	...	...	6,734	Frais juridiques généraux
92,588	99,405	28,824	12,365	9,720	339,868	Assurance
164,861	714,901	121,585	27,658	474,141	9,399,631	Autres dépenses générales
						Total
Dr. 13,636	215,153	761	865	Dr. 283,996	1,211,576	Tableau 4.
...	41,195	...	...	...	61,195	<u>RECETTES NETTES D'EXPLOITATION</u>
...	2,148,203	...	...	...	2,158,588	Location d'établissement et loyers
Dr. 13,636	2,404,551	761	865	Dr. 283,996	3,431,359	Autre revenu
640	21,509	10,305	...	...	179,728	Revenu brut
4,000	...	...	...	...	232,449	Taxes
...	...	...	...	...	...	Loyers à percevoir
...	1,877,299	...	...	...	1,943,401	Intérêt sur la dette fondée
4,640	1,898,808	10,305	...	...	2,355,578	Autres déductions
Dr. 18,276	505,743	Dr. 9,544	865	Dr. 283,996	1,075,781	Déductions totales
						Revenu net

88,743 est un crédit pour les dépenses d'entretien sur les messages relayés.



TELEGRAPH AND CABLE STATISTICS, 1938

Table 5.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
	No.	No.	No.	No.	No.	No.
<u>TELEGRAMS TRANSMITTED</u>						
Sent	6,021,802	4,556,512	413,207	42,148	35,992	108,570
Received from the United States	1,171,696	420,107	...	...	27,663	5,711
Total Number	7,193,498	4,976,619	413,207	42,148	63,655	114,281
<u>CABLEGRAMS TRANSMITTED</u>						
<u>Messages sent-</u>						
Transferred to cable companies	127,719	299,220	...	...	1,096	...
Transferred to Canadian land lines	...	...	...	82	...	1,262
Transferred to foreign land lines	30,928	...	...	...	...	...
Transferred to wireless companies	118,952	...	...	...	11	...
Total	277,599	299,220	...	82	1,107	1,262
<u>Messages received-</u>						
Transferred from cable companies	122,531	327,640	...	...	1,111	...
Transferred from Canadian land lines	...	...	...	142	...	875
Transferred from foreign land lines	1,278	...	...	...	...	...
Transferred from wireless companies	64,502	...	...	...	121	...
Total	188,311	327,640	...	142	1,232	875
<u>Originated in Canada-</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>Terminated in Canada-</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressees	...	...	...	...	...	...
<u>Originated and terminated in other countries-</u> <u>and handled at Canadian stations (not</u> <u>included above)</u>						
...	...	...	...	...	...	...
Total all Messages handled at Canadian Stations	465,910	626,860	...	224	2,339	2,137
<u>Table 6.- MONEY TRANSFERS</u>						
<u>Money transfers to-</u>						
United States	\$ 802,775	238,115	...	...	8,051	...
United Kingdom	\$ 15,914	...	...	...	...	...
Other foreign countries	\$ 19,869	...	...	...	...	...
Total	\$ 838,558	238,115	...	...	8,051	...
<u>Money transfers from-</u>						
United States	\$ 1,283,590	165,855	...	...	...	...
United Kingdom	\$ 40,675	...	...	...	...	...
Other foreign countries	\$ 3,883	...	...	...	...	...
Between Canadian stations	\$ 1,014,684	504,872	...	600	4,807	...
Total	\$ 2,342,832	670,727	...	600	4,807	...
<u>Money transfers to and from-</u>						
United States	\$ 2,086,365	403,970	...	...	8,051	...
United Kingdom	\$ 56,589	...	...	...	...	...
Other foreign countries	\$ 23,752	...	...	...	...	...
Between Canadian stations	\$ 1,014,684	504,872	...	600	4,807	...
Total	\$ 3,181,390	908,842	...	600	12,858	...

(a) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.

(b) Includes 7,199 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1938

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	Tableau 5.
...	(a)41,816	...	...	...	11,220,047	<u>TELEGRAMMES TRANSMIS</u>
...	...	...	...	...	1,625,177	Envoyés
...	(a)41,816	...	...	...	12,845,224	Reçus des Etats-Unis
						Total
119,934	...	...	...	...	547,969	<u>CABLOGRAMMES TRANSMIS</u>
...	...	...	...	...	1,344	Messages envoyés-
...	...	...	...	...	30,928	Transférés aux compagnies de câble
...	...	...	...	...	118,963	Transférés aux lignes de terre canadiennes
119,934	...	...	...	...	699,204	Transférés aux lignes continentales étrangères
						Transférés aux compagnies de sans-fil
						Total
94,226	...	...	...	...	545,508	Messages reçus-
...	...	...	...	...	1,017	Transférés des compagnies de câble
...	...	...	...	...	1,278	Transférés des lignes de terre canadiennes
...	...	...	...	...	64,623	Transférés des lignes continentales étrangères
94,226	...	...	...	...	612,426	Transférés de compagnies de sans-fil
						Total
...	(b)127,435	109,504	18,707	163,971	419,617	Provenant du Canada-
...	36,619	...	1,905	...	38,524	Reçus par lignes de terre
...	67,542	...	18,498	158,822	244,862	Reçus de l'envoyeur au bureau du câble
...	51,409	...	2,681	...	54,090	Arrivant au Canada-
...	75,189	...	211,743	600,395	887,327	Transmis aux lignes de terre pour livraison
						Transmis directement au destinataire
						En provenance de et destinés à d'autres pays et transmis aux stations canadiennes
						(cas ci-haut non compris)
214,160	358,194	109,504	253,534	923,188	2,956,050	Total des messages passant par les stations canadiennes
						<u>Tableau 6. TRANSFERTS D'ARGENT</u>
...	...	...	...	...	1,048,941	<u>Transferts d'argent-</u>
...	...	...	...	...	15,914	aux Etats-Unis
...	...	...	...	...	19,869	au Royaume-Uni
...	...	...	...	...	1,084,724	à d'autres pays étrangers
						Total
...	...	...	...	...	1,449,445	<u>Transferts d'argent-</u>
...	...	...	...	...	40,675	des Etats-Unis
...	...	...	...	...	3,883	du Royaume-Uni
...	...	...	...	...	1,524,963	d'autres pays étrangers
...	...	...	...	...	3,018,966	entre stations canadiennes
						Total
...	...	...	...	...	2,498,386	<u>Transferts d'argent-</u>
...	...	...	...	...	56,889	aux et des Etats-Unis
...	...	...	...	...	23,752	au et du Royaume-Uni
...	...	...	...	...	1,524,963	à et d'autres pays étrangers
...	...	...	...	...	4,103,690	entre stations canadiennes
						Total

(a) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.  
 (b) Comprend 7,199 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1938

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
<u>Table 7. - EMPLOYEES</u>						
Operators- Male	582	393	326	7	6	9
Female	254	186	102	...	...	...
Other officers and employees	1,831	1,820	260	9	9	57
Total	2,667	2,399	688	16	15	67
Total salaries and wages	\$3,632,881	\$3,211,023	\$376,435	\$17,666	\$12,921	\$35,503
Commissions paid-						
To Railway employees	\$ 79,529	\$ 73,218	\$ ...	\$ 1,464	\$ ...	\$ 4,135
To other persons	\$ 109,572	\$ 54,331	\$ ...	\$ 122	\$ 797	\$ 1,543
Total	\$ 189,101	\$ 127,549	\$ ...	\$ 1,586	\$ 797	\$ 5,678
<u>Table 8. - NUMBER OF OFFICES</u>						
Number of offices at which telegrams or cablegrams are received and forwarded in Canada	2,370	1,700	687	41	15	35
Offices outside of Canada	5	12	2	...	...	...
Total number of offices	2,375	1,712	689	41	15	35
<u>Table 9. - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cables)-						
Copper	79,984	109,152	152	271	445	2,087
Iron	76,764	58,994	11,136	1,987	...	1,352
Miles of Wire in cables-						
Overhead	4,854	2,343	...	2	...	...
Underground	1,065	5,092	...	2	...	2
Submarine	31	415	274	...	...	...
Total miles of wire in Canada	162,698	175,996	11,562	2,262	445	3,441
Total wire mileage outside of Canada	1,969	5,200	14	...	...	...
Total wire mileage	164,667	181,196	11,576	2,262	445	3,441
Multiple Circuits-						
Wire mileage-						
Telegraph (included above)	32,228	58,284	...	...	...	...
Telephone	1,818	5,226	...	...	...	4,969
Telegraph (outside of Canada)	203	6,642	...	...	...	...
Telephone (outside of Canada)	...	257	...	...	...	...
Channels normally used in Canada (miles)	223,926	190,780	...	...	...	3,184
Channels normally used outside of Canada (miles)	638	11,292	...	...	...	...
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian and Foreign stns.	...	...	...	...	...	...
<u>Table 10. - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	23,219	17,178	8,927	920	...	575
Leased from another company-						
Telegraph company	997	...	108	1	...	...
Telephone and Power company	204	8	...	5	345	...
Pole line mileage outside of Canada	x 263	xx 292	14	...	...	...

x Includes 13 miles of pole line leased from a telegraph company.

x Comprend 13 milles delignes sur poteaux louées d'une compagnie de télégraphe.

xx Includes 87 miles of pole line leased from a telegraph company.

xx Comprend 87 milles delignes sur poteaux louées d'une compagnie de télégraphe.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1938

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
37	200	14	2	66	1,642	<u>Tableau 7. - EMPLOYES</u>
...	...	...	...	...	543	Opérateurs
50	33	22	4	67	4,162	Opératrices
87	233	36	6	133	6,347	Autres officiers et employés
\$174,613	\$346,158	\$80,452	\$3,586	\$314,280	\$8,205,518	Total
\$ ...	\$ ...	\$ ...	\$ ...	\$ ...	\$ 158,346	Total des salaires et gages
\$ ...	\$ ...	\$ ...	\$ ...	\$ ...	\$ 166,365	Commissions payées
\$ ...	\$ ...	\$ ...	\$ ...	\$ ...	\$ 324,711	Aux employés de chemin de fer
						A d'autres personnes
						Total
1	16	1	1	3	4,870	<u>Tableau 8. - NOMBRE DE BUREAUX</u>
...	11	...	...	...	30	Nombre de bureaux ou les câblogrammes et les télégrammes sont reçus et envoyés au Canada
1	27	1	1	3	4,900	Bureaux à l'étranger
						Nombre total de bureaux
5,404	...	...	...	...	197,495	<u>Tableau 9. - MILLAGE DE FIL AU CANADA</u>
3,296	...	...	...	...	153,529	Fils suspendus (non dans des câbles)-
						en cuivre
446	...	...	...	...	7,645	en fer
468	...	...	...	...	6,629	Millage de fil dans des câbles-
82	...	...	...	...	802	suspendus
9,696	...	...	...	...	366,100	souterrains
...	...	...	...	...	7,183	sous-marins
9,696	...	...	...	...	373,283	Millage total de fil au Canada
						Millage total de fil à l'extérieur du Canada
						Millage total de fil
...	...	...	...	...	90,512	Circuits multiples-
...	...	...	...	...	12,013	Milles de fil-
...	...	...	...	...	6,845	Télégraphe (compris plus haut)
...	...	...	...	...	257	Téléphone
...	...	...	...	...	417,890	Télégraphe (hors du Canada)
250	...	...	...	...	11,930	Téléphone (hors du Canada)
3,766	...	7,405	870	20,750	32,791	Voies normalement utilisées au Canada (milles)
						Voies normalement utilisées hors du Canada (milles)
						Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères
758	...	...	...	...	51,577	<u>Tableau 10 - MILLAGE DE LIGNES SUR POTEAUX AU CANADA</u>
323	...	...	...	...	1,429	Occupées par le propriétaire
...	...	...	...	...	562	Louées d'une autre compagnie-
...	...	...	...	...	569	Compagnie de télégraphe
						Compagnie de téléphone ou d'énergie électrique
						Millage de lignes sur poteaux à l'étranger

/ Includes 44 part time employees. / Comprend 44 employés à temps partiel.  
 / Nautical miles / Milles nautiques.  
 X Includes 100 miles of pole line leased from telegraph companies.  
 X Comprend 100 milles de lignes sur poteaux louées des compagnies de télégraphes.



TELEGRAPH AND CABLE STATISTICS, 1938

Table 11.	Pr. Edward	Nova	New				Saskat-
	Island	Scotia	Brunswick	Quebec	Ontario	Manitoba	chewan
	Ile du						
	Prince	Nouvelle	Nouveau				Saskat-
	Edouard	Ecosse	Brunswick	Québec	Ontario	Manitoba	chewan
Pole line mileage	285	2,776	2,114	6,972	11,596	4,203	9,062
Wire mileage	806	15,537	16,104	44,918	129,956	31,719	49,731
Number of offices	36	270	176	971	1,417	329	649
Telegrams sent	66,775	714,883	544,518	2,393,457	4,147,198	889,051	501,423

Table 12.- MARCONI WIRELESS MESSAGES

	Year ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1938	1937	1938
Commercial messages sent to ships and stations	4,951	5,467	9,763
Commercial messages received from ships and stations	6,616	6,615	15,117
Messages sent to government ships	127	95	1,063
Messages received from government ships	355	267	1,598
Service messages sent to ships and stations	1,116	1,025	3,115
Service messages received from ships and stations	1,310	1,143	3,010
Government messages sent to stations	49	62	2,816
Government messages received from stations	3,495	3,126	5,784
Total	18,019	17,800	42,266

Table 13.- MATERIALS USED, 1938

Tableau 13 - MATERIAUX EMPLOYES, 1938

	Unit of Measurement Unite de Mesure	Quantity Quantité	Cost Value delivered at works Coût des matériaux à pied d'oeuvre	
Lumber	M Ft. Pieds	13,511	\$ 719	Bois de charpente
Poles, telegraph	No. Nomb.	22,540	66,598	Poteaux de télégraphe
Posts	No. Nomb.	3,393	3,093	Piquets
Wire, galvanized	Lb. Livres	387,447	18,099	Fil galvanisé
Wire, copper	Lb. Livres	713,854	131,460	Fil de cuivre
Storage batteries			2,184	Accumulateurs
Other materials			633,444	Autres matériaux
Total			855,597	Total

- (1) Includes 562 miles of telephone or power company lines leased from another company and 100 miles leased from a telegraph company outside of Canada. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence river and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1938

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	
Alberta	Colombie Britannique	Yukon	Terre-Neuve	Etats Unis	A l'extérieur du Canada	Total	Tableau 11.
7,260	7,289	582	14	555	...	(1) 52,708	Millage des lignes sur poteaux
40,277	36,465	587	14	7,169	...	573,283	Millage des fils
461	550	11	...	...	30	4,900	Nombre de bureaux
793,382	1,163,768	5,592	...	...	...	11,220,047	Télégrammes envoyés

				11,220,047	Télégrammes envoyés
Année terminée le 31 décembre				Tableau 12 - RADIOGRAMMES MARCONI	
Québec	(4) Ontario				
1937	1938	1937			
9,242	2,165	2,018			
14,144	10,403	9,199			
1,274	427	601	Messages commerciaux aux vaisseaux et aux stations		
1,688	1,247	2,978	Messages commerciaux des vaisseaux et des stations		
2,768	1,396	1,591	Messages aux vaisseaux du Gouvernement		
2,616	1,410	1,630	Messages des vaisseaux du Gouvernement		
2,650	285	220	Messages de service aux vaisseaux et aux stations		
5,467	756	766	Messages de service des vaisseaux et des stations		
39,849	18,089	19,003	Messages du Gouvernement aux stations		
			Messages du Gouvernement des stations		
			Total		

Table 14 - VALUE OF WORK CARRIED OUT, 1938				Tableau 14 - VALEUR DES TRAVAUX EXECUTES, 1938	
	New Construction	Alteration and Maintenance Repair Work	Total		
	Construction nouvelle	Modifications, entretien et réparations	Total		
By company employees	\$ 995,573	\$ 1,007,445	\$ 2,003,018	Par les employés de la compagnie	
By contractors	7,090	5,545	12,635	Par des entrepreneurs	
Total	1,002,663	1,012,990	2,015,653	Total	

- (1) Comprend 562 milles de lignes de compagnie de téléphone ou d'électricité loués d'une autre compagnie et 100 milles loués d'une compagnie de télégraphe en dehors du Canada. Ne comprend pas le parcours d'une ligne de poteaux louée d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.



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Minister of Trade and Commerce.

**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1939**

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**OTTAWA**  
1940

Price 10 cents





# E R R A T A

## TELEGRAPH AND CABLE STATISTICS STATISTIQUES DES TELEGRAPHES ET CABLES

Table 9 (pages 8-9)		Canadian National Telegraphs		T o t a l		Tableau 9.
		Reads	Should Read	Reads	Should Read	
		Se lisant	Devant se lire	Se lisant	Devant se lire	
<u>Multiple Circuits-</u> <u>Wire mileage-</u>		1 9 3 7				<u>Circuits multiples</u> <u>Milles de fil-</u>
Telegraph (included above)		18,526	21,047	78,466	80,987	Télégraphe (compris plus haut)
Telephone (outside of Canada)		2,521	13,675	11,212	22,364	Téléphone
Telephone (outside of Canada)		115	2,190	3,501	5,576	Télégraphe (hors du Canada)
		...	175	261	436	Téléphone (hors du Canada)
<u>Multiple Circuits-</u> <u>Wire mileage-</u>		1 9 3 8				<u>Circuits multiples</u> <u>Milles de fil-</u>
Telegraph (included above)		32,228	20,063	90,512	78,347	Télégraphe (compris plus haut)
Telephone (outside of Canada)		1,818	13,983	12,013	24,178	Téléphone
Telephone (outside of Canada)		203	28	6,845	6,670	Télégraphe (hors du Canada)
		...	175	257	432	Téléphone (hors du Canada)



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., FR.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

1 9 3 9

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays transatlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

The cost of property and equipment continued to increase, rising from \$44,368,847 in 1938 to \$46,681,182. Gross income declined to \$10,474,489 from \$10,611,207 and operating expenses declined from \$9,399,631 to \$9,297,902.

Pole line mileage was increased slightly to 52,724 miles and the wire mileage was increased to 374,552, or by 1,267 miles. The number of employees was reduced from 6,347 to 6,339, but the pay roll was increased from \$8,205,518 to \$8,232,773. The employees exclude those on a commission basis and also the commissions are excluded from the wages; these amounted to \$30,976 of which \$106,819 was earned by railway employees.

The number of telegrams sent declined to 10,766,271 from 11,220,047 in 1938 and the number received from the United States for delivery in Canada increased from 1,524,187 to 1,879,841, making the total number of telegrams handled 12,462,212. Cablegrams, exclusive of wireless messages to vessels at sea, increased from 1,404,244 to 1,492,389.

During the year \$3,639,908 was transferred by telegraph. In 1938 with \$4,128,200 in 1938.



**BUREAU FEDERAL DE LA STATISTIQUE**  
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STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 3 9

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacific, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et des compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations ont été classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique ont été inclus avec les câblogrammes.

Le coût de la propriété et de l'outillage continue d'augmenter, passant de \$46,365,847 en 1938 à \$46,881,182. Les recettes brutes déclinent de \$10,611,207 à \$10,474,489 et les dépenses d'exploitation, de \$9,399,631 à \$9,297,902.

Le millage des lignes sur poteaux augmente un peu à 52,764 milles et le millage des fils augmente à 374,550 milles ou de 1,267 milles. Le nombre d'employés passe de 6,347 à 6,339, mais le bordereau de paye augmente de \$8,205,518 à \$8,232,773. Les employés ne comprennent pas les personnes à commission; de même, les commissions sont exclues des salaires et elles s'élèvent à \$305,976 dont \$166,329 reviennent à des employés de chemin de fer.

Les télégrammes envoyés déclinent à 10,783,271 en regard de 11,220,047 en 1938 mais les télégrammes reçus des Etats-Unis pour livraison au Canada augmentent de 1,594,187 à 1,679,641, soit un total de 12,462,912 télégrammes. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, passent de 1,404,244 à 1,492,389.

Pendant l'année les transferts télégraphiques d'argent se placent à \$3,539,988 comparativement à \$4,103,690.

TABLE 1.  
TABLEAU 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,399,031	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,902	1,176,587	936,253

  

Year Année	Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees(1) Employés (1)	Salaries and Wages Salaires et gages
				\$
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,030,330
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,938
1938	52,708	373,283	6,347	8,205,518
1939	52,764	374,550	6,339	8,232,773

  

Year Année	Telegrams - Télégrammes		Cablegrams(5) Câblogrammes(5)	Money Transfers Transferts d'argent
	Sent(2) Envoyés(2)	Received from the United States Reçus des Etats-Unis		
				\$
1930	12,991,348	2,535,777	2,053,059	10,213,475
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,490,043	1,514,321	4,698,630
1933	8,545,523	1,587,393	1,597,044	3,632,310
1934	8,391,343	1,557,798	1,391,477	3,390,954
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	x 1,594,187	1,404,244	4,103,630
1939	10,783,271	1,679,641	1,492,389	3,539,998

- (1) Excludes commission operators.  
 (2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.  
 (3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.  
 (4) A l'exclusion de la commission des opérateurs.  
 (5) Comprend les radiogrammes commerciaux aux ou des navires sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.  
 (6) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1939

TABLE 1.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	20,280,242	18,932,367	2,700,000	280,808	14,248	306,680
<u>REVENUES</u>						
Commercial telegraph tolls	2,931,497	2,214,848	177,133	17,914	15,788	67,806
Telegraph tolls on cable messages	161,189	454,953	..	35	...	147
Government telegraph tolls	...	23,123	...	...	...	...
Press telegraph tolls	99,671	138,586	...	146	...	1,523
Money transfer tolls	39,391	16,113	...	14	243	578
Stock and commercial news revenue	359,533	109,897	...	...	...	...
Other telegraph transmission revenue	57,166	...	...	...	...	327
Commercial cable tolls	...	...	...	...	...	...
Press cable tolls	...	...	...	...	...	...
Other cable transmission revenue	...	...	...	...	...	...
Rents from leased lines and wires	534,982	887,958	...	...	342,166	28,924
Rents from other operated property	85,509	81,207	...	...	...	...
Money transfer premiums	18,947	7,090	...	...	...	...
Other non-transmission revenue	15,113	12,680	5,871	...	19	17
Total	4,302,998	3,946,453	183,054	18,109	358,216	99,322
<u>TABLE 3. - EXPENSES</u>						
Maintenance of line and equipment	761,211	757,626	205,262	...	233	15,917
Supervision of operations	286,341	254,328	17,970	...	...	902
Operators	1,101,719	757,648	205,060	7,267	10,573	15,099
Commissions	181,021	97,198	13,608	1,402	772	5,561
Other operating expenses	1,350,735	1,022,999	29,000	1,427	346,272	19,021
Salaries of general officers and general office clerks	91,106	41,098	22,230	...	2,760	2,370
General office expenses	22,324	26,072	2,650	...	403	...
General law expenses	607	105	...	...	...	...
Insurance ...	...	6,330	...	...	40	71
Other general expenses	66,857	8,366	30,590	...	774	...
Total	3,861,921	2,971,770	527,000	10,096	361,827	58,941
<u>TABLE 4. - INCOME</u>						
Net operating revenue	441,077	974,683	Dr. 343,946	8,013	Dr. 3,611	40,391
Lease of plant and rents	20,000	...	...	...	...	...
Other income	1,446	...	...	...	5,179	...
Gross income	462,523	974,683	Dr. 343,946	8,013	1,568	40,391
Taxes	93,332	63,773	...	525	1,089	...
Rents payable	227,500	...	...	1,042	...	...
Interest on funded debt	...	...	...	...	...	...
Other deductions	46,733	3,660	...	...	...	...
Total deductions	367,565	67,433	...	1,567	1,089	...
Net income	94,958	907,250	Dr. 343,946	6,446	470	40,381

/ \$84,969 is a credit for maintenance expenses on through traffic.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1939

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 2.
\$	\$	\$	\$	\$	\$	
2,176,204	1,407,648	504,189	18,816	300,000	46,881,182	<u>COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA</u>
84,969	...	...	...	...	5,510,003	<u>RECETTES</u>
...	...	...	...	...	616,324	Droits sur télégrammes commerciaux
...	...	...	...	...	23,128	Droits des compagnies de télégraphe sur câblogrammes
...	...	...	...	...	239,926	Droits sur télégrammes officiels
...	...	...	...	...	56,339	Droits sur télégrammes de la presse
...	...	...	...	...	469,430	Droits sur transferts d'argent
...	...	...	...	...	57,493	Messages financiers et commerciaux
56,058	974,637	127,567	40,689	229,329	1,428,280	Autres expéditions de messages
...	...	...	...	13,968	13,968	Droits sur câblogrammes commerciaux
...	...	...	...	22,634	22,634	Droits sur câblogrammes de la presse
...	...	...	...	...	1,794,030	Autres expéditions de câblogrammes
...	...	...	...	...	166,716	Loyer de lignes et de fils
...	...	...	...	...	26,037	Loyer sur autre propriété exploitée
16,486	...	...	...	...	50,186	Primes sur transferts d'argent
157,513	974,637	127,567	40,689	265,931	10,474,489	Autres revenus divers
						Total
						<u>TABLEAU 3. - DEPENSES</u>
3,036	292,615	22,319	282	140,122	2,198,623	Entretien des lignes et de l'outillage
9,172	...	...	...	...	568,713	Surveillance de l'exploitation
24,217	259,891	36,258	4,786	163,024	2,585,542	Opérateurs
3	...	...	...	...	299,565	Commissions
20,263	...	31,748	6,258	83,987	2,911,710	Autres dépenses d'exploitation
10,955	71,423	...	4,075	90,580	337,227	Salaires des officiers et des commis du siège social
29	...	...	...	...	51,478	Dépenses générales du siège social
...	...	...	...	...	712	Frais juridiques généraux
...	...	...	...	...	6,441	Assurance
88,653	91,234	28,693	11,480	11,244	337,891	Autres dépenses générales
156,328	715,163	119,018	26,881	488,957	9,297,902	Total
						<u>TABLEAU 4. - REVENU</u>
1,185	259,474	8,549	13,808	Dr. 223,026	1,176,587	<u>Recettes nettes d'exploitation</u>
...	28,772	...	...	...	48,772	Location d'établissement et loyers
...	2,047,760	...	...	...	2,054,785	Autre revenu
1,185	2,336,006	8,549	13,808	Dr. 223,026	3,279,744	Revenu brut
640	25,302	9,895	...	...	194,556	Taxes
4,274	...	...	...	...	232,816	Loyers à percevoir
...	...	...	...	...	...	Intérêt sur la dette fondée
...	1,865,726	...	...	...	1,916,119	Autres déductions
4,914	1,891,028	9,895	...	...	2,345,491	Déductions totales
Dr. 3,729	444,978	Dr. 1,340	13,808	Dr. 223,026	936,253	Revenu net

\* 84,969 est un crédit pour les dépenses d'entretien sur les messages relayés.



TELEGRAPH AND CABLE STATISTICS, 1939

TABLE 5.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
	No.	No.	No.	No.	No.	No.
<u>TELEGRAMS TRANSMITTED</u>						
Sent	5,837,621	4,334,477	394,280	37,334	37,747	106,186
Received from the United States	1,126,191	517,293	...	...	30,273	5,884
Total Number	6,963,812	4,851,770	394,280	37,334	68,020	112,070
<u>CABLEGRAMS TRANSMITTED</u>						
<u>Messages sent -</u>						
Transferred to cable companies	146,699	404,448	...	...	1,657	...
Transferred to Canadian land lines	...	...	...	69	...	930
Transferred to foreign land lines	34,265	...	...	...	...	...
Transferred to wireless companies	8,489	83,391	...	...	20	...
Total	189,453	487,839	...	69	1,677	930
<u>Messages received -</u>						
Transferred from cable companies	100,330	398,462	...	...	1,995	...
Transferred from Canadian land lines	...	...	...	122	...	707
Transferred from foreign land lines	994	...	...	...	...	...
Transferred from wireless companies	4,530	31,491	...	...	160	...
Total	105,854	429,953	...	122	2,155	707
<u>Originated in Canada -</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>Terminated in Canada -</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressee	...	...	...	...	...	...
<u>Originated and terminated in other countries and handled at Canadian stations (not included above)</u>	...	...	...	...	...	...
Total all Messages handled at Canadian Stations	295,307	917,792	...	191	3,832	1,637
<u>TABLE 6. - MONEY TRANSFERS</u>						
<u>Money transfers to -</u>						
United States	\$ 577,897	177,411	...	...	7,784	...
United Kingdom	\$ 11,408	...	...	...	...	...
Other foreign countries	\$ 12,747	...	...	...	...	...
Total	\$ 602,052	177,411	...	...	7,784	...
<u>Money transfers from -</u>						
United States	\$ 1,102,268	140,559	...	...	...	...
United Kingdom	\$ 12,136	...	...	...	...	...
Other foreign countries	\$ 1,632	...	...	...	...	...
Between Canadian stations	\$ 1,038,230	448,109	...	4,768	5,039	...
Total	\$ 2,154,266	588,668	...	4,768	5,039	...
<u>Money transfers to and from -</u>						
United States	\$ 1,680,165	317,970	...	...	7,784	...
United Kingdom	\$ 23,544	...	...	...	...	...
Other foreign countries	\$ 14,379	...	...	...	...	...
Between Canadian stations	\$ 1,038,230	448,109	...	4,768	5,039	...
Total	\$ 2,756,318	766,079	...	4,768	12,823	...

(a) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.

(b) Includes 6,087 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1939

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	TABLEAU 5.
...	(a) 35,626	...	...	...	10,783,271	<u>TELEGRAMMES TRANSMIS</u>
...	...	...	...	...	1,679,641	Envoyés
...	(a) 35,626	...	...	...	12,462,912	Reçus des Etats-Unis
						Total
121,556	...	...	...	...	674,360	<u>CABLOGRAMMES TRANSMIS</u>
...	...	...	...	...	999	Messages envoyés-
...	...	...	...	...	34,265	Transférés aux compagnies de câble
...	...	...	...	...	91,900	Transférés aux lignes de terre canadiennes
121,556	...	...	...	...	801,524	Transférés aux lignes continentales étrangères
						Transférés aux compagnies de sans-fil
						Total
92,739	...	...	...	...	593,526	Messages reçus-
...	...	...	...	...	829	Transférés des compagnies de câble
...	...	...	...	...	994	Transférés des lignes de terre canadiennes
...	...	...	...	...	36,181	Transférés des lignes continentales étrangères
92,739	...	...	...	...	631,530	Transférés de compagnies de sans-fil
						Total
...	(b) 105,597	98,592	18,461	186,963	409,613	<u>Provenant du Canada-</u>
...	41,001	...	2,528	...	43,529	Reçus par lignes de terre
...	115,268	...	22,378	208,351	346,297	Reçus de l'envoyeur au bureau du câble
...	13,074	...	2,732	...	15,806	<u>Arrivant au Canada-</u>
						Transmis aux lignes de terre pour livraison
...	74,139	...	244,869	810,425	1,129,433	Transmis directement au destinataire
						<u>En provenance de et destinés à d'autres</u>
						pays et transmis aux stations canadiennes-
						(non compris ci-dessus)
214,295	349,079	98,592	291,268	1,205,739	3,377,732	Total des messages passant par les stations canadiennes
						<u>TABLEAU 6. - TRANSFERTS D'ARGENT</u>
...	...	...	...	...	763,092	<u>Transferts d'argent-</u>
...	...	...	...	...	11,408	aux Etats-Unis
...	...	...	...	...	12,747	au Royaume-Uni
...	...	...	...	...	787,247	à d'autres pays étrangers
						Total
...	...	...	...	...	1,042,517	<u>Transferts d'argent-</u>
...	...	...	...	...	12,136	des Etats-Unis
...	...	...	...	...	1,632	du Royaume-Uni
...	...	...	...	...	1,496,146	d'autres pays étrangers
...	...	...	...	...	2,752,741	entre stations canadiennes
						Total
...	...	...	...	...	2,005,919	<u>Transferts d'argent-</u>
...	...	...	...	...	23,544	aux et des Etats-Unis
...	...	...	...	...	14,379	au et du Royaume-Uni
...	...	...	...	...	1,496,146	à et d'autres pays étrangers
...	...	...	...	...	3,528,800	entre stations canadiennes
						Total

a) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.

b) Comprend 6,087 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1939

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
<u>TABLE 7. - EMPLOYEES</u>						
Operators - Male	588	401	307	5	5	9
Female	262	184	101	...	...	1
Other officers and employees	1,818	1,809	278	11	10	(c) 64
Total	2,668	2,394	686	16	15	74
Total salaries and wages	\$5,658,518	3,232,572	374,137	19,145	13,333	40,787
Commissions paid-						
To railway employees	\$ 88,195	72,909	...	1,302	...	3,923
To other persons	\$ 92,826	44,310	...	100	773	1,638
Total	\$ 181,021	117,219	...	1,402	773	5,561
<u>TABLE 8. - NUMBER OF OFFICES</u>						
Number of offices at which telegrams or cablegrams are received and forwarded in Canada	2,316	1,700	688	41	13	35
Offices outside of Canada	5	12	2	...	...	...
Total number of offices	2,321	1,712	690	41	13	35
<u>TABLE 9. - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cables)-						
Copper	82,257	109,821	152	271	5	2,022
Iron	75,520	58,501	11,058	1,987	435	1,352
Miles of Wire in Cables-						
Overhead	4,865	2,686	...	2	...	...
Underground	1,057	5,008	...	2	3	3
Submarine	32	413	238	...	...	...
Total miles of wire in Canada	163,731	176,429	11,448	2,262	443	3,377
Total wire mileage outside of Canada	1,966	5,335	14	...	...	...
Total wire mileage	165,697	181,764	11,462	2,262	443	3,377
Multiple Circuits-						
Wire mileage-						
Telegraph (included above)	21,593	54,839	...	...	...	...
Telephone	12,925	4,580	...	...	...	5,022
Telegraph (outside of Canada)	270	3,088	...	...	...	...
Telephone (outside of Canada)	...	257	...	...	...	...
Channels normally used in Canada (miles)	229,908	236,387	...	...	...	3,209
Channels normally used outside of Canada (miles)	4,177	10,146	...	...	...	...
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian & Foreign Stns.	...	...	...	...	...	...
<u>TABLE 10. - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	23,161	17,201	8,958	920	...	575
Leased from another company -						
Telegraph company	1,000	155	...	1	...	...
Telephone and Power Company	191	8	108	5	327	...
Pole line mileage outside of Canada	(a) 250	(b) 292	14	...	...	...

(a) Includes .23 miles of pole line leased from a telegraph company.

(a) Comprend .23 milles de lignes sur poteaux louées d'une compagnie de télégraphe.

(b) Includes 87 miles of pole line leased from a telegraph company.

(b) Comprend 87 milles de lignes sur poteaux louées d'une compagnie de télégraphe.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1939.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
35	194	14	2	73	1,033	<u>TABLEAU 7. - EMPLOYES</u>
...	...	...	...	...	548	Opérateurs
45	32	19	4	68	4,158	Opératrices
80	226	33	6	141	6,330	Autres officiers et employés
168,818	336,114	74,280	10,251	304,818	8,232,773	Total
...	...	...	...	...	166,329	Total des salaires et gages
...	...	...	...	...	139,647	Commissions payées
...	...	...	...	...	305,976	Aux employés de chemin de fer
						A d'autres personnes
						Total
						<u>TABLEAU 8. - NOMBRE DE BUREAUX</u>
1	16	1	1	3	4,815	Nombre de bureaux ou les câblogrammes et les télégrammes sont reçus et envoyés au Canada
...	11	...	...	...	30	Bureaux à l'étranger
1	27	1	1	3	4,845	Nombre total de bureaux
						<u>TABLEAU 9. - MILLAGE DE FIL AU CANADA</u>
5,759	...	...	...	...	199,887	Fils suspendus (non dans des câbles) - en cuivre
3,216	...	...	...	...	152,069	en fer
416	...	...	...	...	7,969	Millage de fil dans des câbles - suspendus
479	...	...	...	...	6,554	souterrains
75	...	...	...	...	758	sous-marins
9,545	...	...	...	...	367,235	Millage total de fil au Canada
...	...	...	...	...	7,315	Millage total de fil à l'extérieur du Canada
9,545	...	...	...	...	374,550	Millage total de fil
						<u>Circuits multiples -</u>
...	...	...	...	...	70,454	Milles de fil - Télégraphe (compris plus haut)
...	...	...	...	...	14,597	Téléphone
...	...	...	...	...	5,750	Télégraphe (hors du Canada)
...	...	...	...	...	157	Téléphone (hors du Canada)
...	...	...	...	...	469,504	Voies normalement utilisées au Canada (milles)
...	...	...	...	...	14,323	Voies normalement utilisées hors du Canada (milles)
(a) 250	...	...	...	...	...	Milles de câble entre stations canadiennes
(d) 3,760	...	(d) 7,413	(d) 870	(d) 20,750	32,733	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 10. - MILES DE LIGNES SUR POTEAUX AU CANADA</u>
754	...	...	...	...	81,869	Occupées par le propriétaire
323	...	...	...	...	1,470	Louées d'une autre compagnie - Compagnie de télégraphe
...	...	...	...	...	...	Compagnie de téléphone ou d'énergie électrique
...	...	...	...	...	(a) ...	Millage de lignes sur poteaux à l'étranger

(a) Includes 51 part time employees.  
(d) Nautical miles

(c) Comprend 51 employés à temps partiel.  
(d) Milles nautiques.

(e) Includes 87.23 miles of pole line leased from telegraph companies.  
(f) Comprend 87.23 milles de lignes sur poteaux louées des compagnies de télégraphes.



## TELEGRAPH AND CABLE STATISTICS, 1939

TABLE 11.	Pr. Edward	Nova	New	Quebec	Ontario	Manitoba	Saskat-
	Island	Scotia	Brunswick	Quebec	Ontario	Manitoba	chewan
	Ile du						
	Prince	Nouvelle	Nouveau	Québec	Ontario	Manitoba	Saskat-
	Edouard	Ecosse	Brunswick				chewan
Pole line mileage	285	2,781	2,105	7,092	11,306	4,217	9,102
Wire mileage	815	15,424	16,287	45,476	130,358	31,573	49,767
Number of offices	40	253	164	927	1,442	331	638
Telegrams sent	76,526	698,575	505,406	2,377,497	3,971,702	889,425	478,850

TABLE 12. - MARCONI WIRELESS MESSAGES

	Year Ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1939	1938	1939
Commercial messages sent to ships and stations	4,769	4,951	7,864
Commercial messages received from ships and stations	5,798	6,616	11,431
Messages sent to government ships	155	127	1,206
Messages received from government ships	305	355	1,546
Service messages sent to ships and stations	1,116	1,116	3,052
Service messages received from ships and stations	1,186	1,310	2,985
Government messages sent to stations	310	49	2,569
Government messages received from stations	3,106	3,495	4,316
Total	16,745	18,019	34,669

TABLE 13. - MATERIALS USED, 1939

TABLEAU 13. - MATERIAUX EMPLOYES, 1939

	Unit of	Quantity	Cost Value	
	Measurement		delivered at works	
	Unité de Mesure		Coût des matériaux à pied d'oeuvre	
Lumber	M Ft. Pieds	15,558	433	Bois de charpente
Poles, telegraph	No. Nomb.	31,072	97,713	Poteaux de télégraphe
Posts	No. Nomb.	1,731	1,722	Piquets
Wire, galvanized	Lb. Livres	322,729	18,707	Fil galvanisé
Wire, copper	Lb. Livres	475,322	91,869	Fil de cuivre
Storage batteries			2,327	Accumulateurs
Other materials			721,718	Autres matériaux
Total			934,489	Total

- (1) Includes 639 miles in Canada leased from telephone or power companies and 87.23 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore Radio-telephone traffic included in the Ontario totals:
- |                                      |       |
|--------------------------------------|-------|
| Paid messages to ships .....         | 989   |
| Paid messages from ships .....       | 5,176 |
| Government messages to ships .....   | 7     |
| Government messages from ships ..... | 6     |
| Service messages from ships .....    | 2     |

STATISTIQUES DES TELEGRAPHES ET DES CABLES

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	TABLEAU 11.
Alberta	Colombie Britannique	Yukon	Terre-Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,303	7,435	582	14	542	...	(1) 52,764	Milles de ligne sur poteaux
40,130	36,823	582	14	7,301	...	374,550	Milles de fil
470	539	11	...	...	30	4,845	Nombre de bureaux
654,192	1,104,651	4,800	...	...	21,647	10,783,271	Télégrammes envoyés

Année terminée le 31 décembre			<u>TABLEAU 12. - RADIOGRAMMES MARCONI</u>
Québec	(4) Ontario		
1938	(5) 1939	1938	
9,763	2,100	2,165	Messages commerciaux aux vaisseaux et aux stations
15,117	9,751	10,403	Messages commerciaux des vaisseaux et des stations
1,063	307	427	Messages aux vaisseaux du Gouvernement
1,598	841	1,247	Messages des vaisseaux du Gouvernement
3,115	1,414	1,336	Messages de service aux vaisseaux et aux stations
3,010	1,437	1,410	Messages de service des vaisseaux et des stations
2,816	248	285	Messages du Gouvernement aux stations
5,784	730	756	Messages du Gouvernement des stations
42,266	16,858	18,089	Total

TABLE 14. - VALUE OF WORK CARRIED OUT, 1939

TABLEAU 14. - VALEUR DES TRAVAUX EXECUTES, 1939

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction nouvelle	Modifications, entretien et réparations	Total	
	\$	\$	\$	
By company employees	539,545	959,401	1,498,946	Par les employés de la compagnie
By contractors	9,956	...	9,956	Par des entrepreneurs
Total	549,501	959,401	1,508,902	Total

- (1) Comprend 639 milles au Canada loués des compagnies de téléphone ou d'énergie et 87.23 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux d'Ontario:
- |   |       |
|---|-------|
| Messages payés envoyés aux vaisseaux .....            | 989   |
| Messages payés envoyés des vaisseaux .....            | 5,176 |
| Messages du gouvernement adressés aux vaisseaux ..... | 7     |
| Messages de vaisseaux adressés au gouvernement .....  | 6     |
| Messages de service envoyés des vaisseaux .....       | 2     |



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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1940**



OTTAWA  
1941

Price 10 cents





**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

1940

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and the Commercial Cable Company.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

The cost of property and equipment continued to increase, rising from \$46,881,182 in 1939 to \$47,157,361. The gross income rose from \$10,474,489 to \$10,585,635 and operating expenses declined from \$9,297,902 to \$9,011,414.

Pole line mileage amounted to 52,396 as compared with 52,464 (revised) for 1939 and the wire mileage increased to 380,718, or by 5,768 miles. The number of employees increased from 6,339 to 6,427 and the pay roll increased from \$8,232,773 to \$8,265,637. The employees exclude those on a commission basis and the commissions also are excluded from the wages; these amounted to \$321,354 of which \$167,251 was earned by railway employees.

Telegrams sent amounted to 11,260,587, an increase of 477,316 over 1939, but the number received from the United States for delivery in Canada decreased from 1,679,641 to 1,471,495. The total number of telegrams handled amounted to 12,732,082. Cablegrams, exclusive of wireless messages to vessels at sea, increased from 1,492,389 to 1,648,282.

During the year \$3,118,166 was transferred by telegraph as compared with \$3,539,988 in 1939.

**BUREAU FEDERAL DE LA STATISTIQUE**  
**BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES**

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Statisticien du Dominion: R. H. Coats, LL. D., F.R.S.C., F.S.S. (Hon.)  
Chef de la Branche des Transports et Utilités Publiques: G.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES ET CABLES

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Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacifique, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et le Commercial Cable Company.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'Océan Atlantique sont inclus avec les câblogrammes.

Le coût de la propriété et de l'outillage continue d'augmenter, passant de \$46,881,182 en 1939 à \$47,157,361. Les recettes brutes montent de \$10,474,489 à \$10,585,635 et les dépenses d'exploitation diminuent de \$9,297,902 à \$9,011,414.

Le millage des lignes sur poteaux est de 52,396 contre 52,464 (révisé) en 1939 et le millage des fils augmente à 380,318, ou de 5,768 milles. Le personnel passe de 6,339 employés à 6,427 et le bordereau de paye augmente de \$8,232,773 à \$8,265,637. Le personnel ne comprend pas les personnes à commission et les commissions ne comptent pas parmi les salaires; elles s'élèvent à \$321,354 dont \$167,251 revient à des employés de chemin de fer.

Les télégrammes envoyés se chiffrent à 11,260,587, augmentation de 477,316 sur 1939; les télégrammes reçus des Etats-Unis pour livraison au Canada diminuent de 1,679,641 à 1,471,495. Le total des télégrammes passés est de 12,732,082. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, augmentent de 1,492,389 à 1,648,282.

Les transferts télégraphiques d'argent durant l'année s'élèvent à \$3,118,166 contre \$3,539,988 en 1939.

TABLE 1.

TABEAU 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,875	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,902	1,176,587	936,253
1940	47,157,361	10,585,635	9,011,414	1,574,221	1,706,811

  

Year Année	Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees(1) Employés (1)	Salaries and Wages Salaires et gages
				\$
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,050,830
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,838
1938	x 52,408	373,283	6,347	8,205,518
1939	x 52,464	374,550	6,339	8,232,773
1940	52,396	380,318	6,427	8,265,637

  

Year Année	Telegrams - Télégrammes		Cablegrams(3) Câblogrammes(3)	Money Transfers Transferts d'argent
	Sent(2) Envoyés(2)	Received from the United States Reçus des Etats-Unis		
				\$
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,400,043	1,514,321	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,854
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	1,594,187	1,404,244	4,103,690
1939	10,783,271	1,679,641	1,492,389	3,539,988
1940	11,260,587	1,471,495	1,648,282	3,118,166

- (1) Excludes commission operators.  
(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.  
(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.  
x Revised.  
(1) A l'exclusion de la commission des opérateurs.  
(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.  
(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.  
x Révisé.



TELEGRAPH AND CABLE STATISTICS, 1940

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
	\$	\$	\$	\$	\$	\$
<b>COST OF PROPERTY AND EQUIPMENT</b>	20,598,620	19,032,651	2,750,000	280,808	14,361	310,618
<b>REVENUES</b>						
Commercial telegraph tolls	3,153,472	2,378,996	184,651	21,535	22,400	61,665
Telegraph tolls on cable messages	165,928	579,934	...	66	...	198
Government telegraph tolls	38,332	18,132	...	...	...	...
Press telegraph tolls	85,398	120,779	...	118	...	847
Money transfer tolls	47,870	20,337	...	17	481	550
Stock and commercial news revenue	196,462	80,171	...	...	...	...
Other telegraph transmission revenue	3,121	15,861	...	...	...	404
Commercial cable tolls	...	...	...	...	...	...
Press cable tolls	...	...	...	...	...	...
Other cable transmission revenue	...	...	...	...	...	...
Rents from leased lines and wires	579,278	919,065	...	...	290,739	21,786
Rents from other operated property	97,301	107,609	...	...	...	...
Money transfer premiums	18,065	8,850	...	...	...	...
Other non-transmission revenue	42,617	11,049	5,047	...	23	...
<b>Total</b>	<b>4,427,814</b>	<b>4,260,803</b>	<b>189,698</b>	<b>21,766</b>	<b>313,643</b>	<b>85,400</b>
<b>TABLE 3. - EXPENSES</b>						
Maintenance of line and equipment	876,744	841,445	198,696	...	398	16,400
Supervision of operations	287,523	244,209	17,225	...	...	912
Operators	1,130,164	746,757	200,953	7,267	11,571	15,136
Commissions	191,685	98,253	13,648	1,709	877	4,273
Other operating expenses	1,375,102	1,065,261	22,126	1,421	295,319	16,726
Salaries of general officers and general office clerks	87,935	41,820	23,000	...	2,799	4,222
General office expenses	21,355	21,667	2,700	...	417	79
General law expenses	181	15	...	...	...	...
Insurance	...	5,714	...	...	38	139
Other general expenses	57,383	8,460	22,662	...	846	2,431
<b>Total</b>	<b>4,028,072</b>	<b>3,073,601</b>	<b>501,010</b>	<b>11,397</b>	<b>312,265</b>	<b>60,339</b>
<b>TABLE 4. - INCOME</b>						
Net operating revenue	399,772	1,187,202	Dr. 311,312	11,369	1,778	55,341
Lease of plant and rents	20,000	...	...	...	...	...
Other income	1,161	...	...	...	5,249	...
<b>Gross income</b>	<b>420,933</b>	<b>1,187,202</b>	<b>Dr. 311,312</b>	<b>11,369</b>	<b>6,827</b>	<b>25,061</b>
Taxes	90,820	60,512	...	475	2,722	...
Rents payable	230,338	...	...	966	...	...
Interest on funded debt	...	...	...	...	...	...
Other deductions	36,742	1,754	...	...	...	...
<b>Total deductions</b>	<b>357,900</b>	<b>62,266</b>	<b>...</b>	<b>1,441</b>	<b>2,722</b>	<b>...</b>
<b>Net income</b>	<b>63,033</b>	<b>1,124,936</b>	<b>Dr. 311,312</b>	<b>9,928</b>	<b>3,905</b>	<b>25,061</b>

/\$84,401 is a credit for maintenance expenses on through traffic.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1940

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABEAU 2.
\$	\$	\$	\$	\$	\$	
2,136,211	1,479,310	554,782			47,157,361	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
4 84,401	...	...			5,907,150	RECETTES
...	...	...			746,126	Droits sur télégrammes commerciaux
...	...	...			56,464	Droits des compagnies de télégraphe sur câblogrammes
...	...	...			207,142	Droits sur télégrammes officiels
...	...	...			69,255	Droits sur télégrammes de la presse
...	...	...			276,633	Droits sur transferts d'argent
...	...	...			19,406	Messages financiers et commerciaux
58,915	969,528	157,056			1,185,499	Autres expéditions de messages
...	...	...			...	Droits sur câblogrammes commerciaux
...	...	...			...	Droits sur câblogrammes de la presse
...	...	...			1,810,818	Autres expéditions de câblogrammes
...	...	...			204,910	Loyer de lignes et de fils
...	...	...			26,915	Loyer sur autre propriété exploitée
16,581	...	...			75,317	Primes sur transferts d'argent
159,897	969,528	157,056			10,585,635	Autres revenus divers
						Total
3,329	254,445	48,984			2,240,441	TABEAU 3. - DEPENSES
9,995	...	...			559,664	Entretien des lignes et de l'outillage
24,426	295,197	31,978			2,463,508	Surveillance de l'exploitation
1	...	...			310,646	Opérateurs
17,679	...	26,707			2,820,343	Commissions
10,785	81,703	...			252,264	Autres dépenses d'exploitation
127	...	...			46,305	Salaires des officiers et des commis du siège social
...	...	...			196	Dépenses générales du siège social
...	...	...			5,891	Frais juridiques généraux
88,094	106,648	25,632			312,156	Assurance
154,436	737,993	133,301			9,011,414	Autres dépenses générales
						Total
5,461	231,535	23,755			1,574,221	TABEAU 4. - REVENU
...	11,961	...			31,961	Recettes nettes d'exploitation
...	2,826,720	...			2,833,130	Location d'établissement et loyers
5,461	3,070,216	23,755			4,439,312	Autre revenu
759	27,097	8,224			190,519	Revenu brut
3,717	...	...			235,021	Taxes
...	...	...			...	Loyers à percevoir
...	2,288,465	...			2,306,961	Intérêt sur la dette fondée
4,476	2,295,472	8,224			2,732,501	Autres déductions
985	774,744	15,531			1,708,811	Léductions totales
						Revenu net

4 84,401 est un crédit pour les dépenses d'entretien sur les messages relayés.

TELEGRAPH AND CABLE STATISTICS, 1940

TABLE 5.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.	
	No.	No.	No.	No.	No.	No.	
<u>TELEGRAMS TRANSMITTED</u>							
Sent	6,196,736	4,458,497	386,208	44,439	47,277	97,768	
Received from the United States	1,029,517	396,487	...	...	40,712	4,779	
Total Number	7,226,253	4,854,984	386,208	44,439	87,989	102,547	
<u>CABLEGRAMS TRANSMITTED</u>							
<u>Messages sent -</u>							
Transferred to cable companies	171,835	453,759	...	...	...	...	
Transferred to Canadian land lines	...	...	...	198	3,593	1,286	
Transferred to foreign land lines	28,179	...	...	...	...	...	
Transferred to wireless companies	...	82,765	...	...	35	...	
Total	200,014	536,524	...	198	3,628	1,286	
<u>Messages received -</u>							
Transferred from cable companies	84,725	430,758	...	...	...	...	
Transferred from Canadian land lines	...	...	...	186	4,295	1,085	
Transferred from foreign land lines	365	...	...	...	...	...	
Transferred from wireless companies	...	76,383	...	...	210	...	
Total	85,090	507,141	...	186	4,505	1,085	
<u>Originated in Canada -</u>							
Received from land lines	...	...	...	...	...	...	
Filed in cable office by sender	...	...	...	...	...	...	
<u>Terminated in Canada -</u>							
Delivered to land lines for delivery	...	...	...	...	...	...	
Delivered direct to addressee	...	...	...	...	...	...	
<u>Originated &amp; terminated in other countries and handled at Canadian stations (not included above)</u>							
...	...	...	...	...	...	...	
Total all messages handled at Canadian Stations	285,104	1,043,665	...	384	8,133	2,371	
<u>TABLE 6. - MONEY TRANSFERS</u>							
<u>Money transfers to -</u>							
United States	\$ 165,507	58,964	...	...	7,337	...	
United Kingdom	\$ 16,570	...	...	...	...	...	
Other foreign countries	\$ 1,184	...	...	...	...	...	
Total	\$ 183,261	58,964	...	...	7,337	...	
<u>Money transfers from -</u>							
United States	\$ 901,600	111,532	...	...	...	...	
United Kingdom	\$ 50	...	...	...	...	...	
Other foreign countries	\$ 1,259	...	...	...	...	...	
Between Canadian stations	\$ 1,180,105	652,965	...	9,885	11,208	...	
Total	\$ 2,083,014	764,497	...	9,885	11,208	...	
<u>Money transfers to and from -</u>							
United States	\$ 1,067,107	170,496	...	...	7,337	...	
United Kingdom	\$ 16,620	...	...	...	...	...	
Other foreign countries	\$ 2,443	...	...	...	...	...	
Between Canadian stations	\$ 1,180,105	652,965	...	9,885	11,208	...	
Total	\$ 2,266,275	823,461	...	9,885	18,545	...	

(a) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia

(b) Includes 636 commercial messages to and from ships in Nova Scotia.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1940

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 5.
No.	No.	No.	No.	No.	No.	
...	(a) 29,662	...			11,260,587	<u>TELEGRAMMES TRANSMIS</u>
...	...	...			1,471,495	Envoyés
...	(a) 29,662	...			12,732,082	Reçus des Etats-Unis
						Total
90,848	...	...			716,442	<u>CABLOGRAMMES TRANSMIS</u>
...	...	...			5,077	Messages envoyés-
...	...	...			26,179	Transférés aux compagnies de câble
...	...	...			82,800	Transférés aux lignes de terre canadiennes
90,848	...	...			832,498	Transférés aux lignes continentales étrangères
						Transférés aux compagnies de sans-fil
						Total
64,338	...	...			579,821	Messages reçus-
...	...	...			5,566	Transférés des compagnies de câble
...	...	...			365	Transférés des lignes de terre canadiennes
...	...	...			76,593	Transférés des lignes continentales étrangères
64,338	...	...			662,345	Transférés des compagnies de sans-fil
						Total
...	(b) 104,762	103,318			208,080	Provenant du Canada-
...	46,997	...			46,997	Reçus par lignes de terre
...	88,351	...			88,351	Reçus de l'expéditeur au bureau du câble
...	106,442	...			106,442	Arrivant au Canada-
...	63,164	...			63,164	Transmis aux lignes de terre pour livraison
						Transmis directement au destinataire
						En provenance de et destinés à d'autres
						pays et transmis aux stations canadiennes-
						(non compris ci-dessus)
155,186	409,716	103,318			2,007,877	Total des messages passant par les stations canadiennes
						<u>TABLEAU 6. - TRANSFERTS D'ARGENT</u>
...	...	...			231,808	Transferts d'argent-
...	...	...			16,570	aux Etats-Unis
...	...	...			1,184	au Royaume-Uni
...	...	...			249,562	à d'autres pays étrangers
						Total
...	...	...			1,013,132	Transferts d'argent-
...	...	...			50	des Etats-Unis
...	...	...			1,259	du Royaume-Uni
...	...	...			1,854,163	d'autres pays étrangers
...	...	...			2,868,604	entre stations canadiennes
						Total
...	...	...			1,244,940	Transferts d'argent-
...	...	...			16,620	aux et des Etats-Unis
...	...	...			2,443	au et du Royaume-Uni
...	...	...			1,854,163	à et d'autres pays étrangers
...	...	...			3,118,166	entre stations canadiennes
						Total

(a) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.

(b) Comprend 636 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.



TELEGRAPH AND CABLE STATISTICS, 1940

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
<b>TABLE 7. - EMPLOYEES</b>						
Operators - Male	650	413	300	5	5	10
Female	258	194	93	...	...	1
Other officers and employees	1,968	1,828	281	9	11	55
Total	2,876	2,435	674	14	16	(d) 66
Total salaries and wages	\$ (a) 3,906,317	(a) 3,315,284	361,895	(a) 18,281	14,371	34,940
Commissions paid-						
To railway employees	\$ 82,666	79,295	...	1,617	...	3,673
To other persons	\$ 109,219	43,315	...	92	877	600
Total	\$ 191,885	122,610	...	1,709	877	4,273
<b>TABLE 8. - NUMBER OF OFFICES</b>						
Number of offices at which telegrams or cablegrams are received and forwarded in Canada	2,301	1,663	677	41	13	35
Offices outside of Canada	5	12	2	...	...	...
Total number of offices	2,306	1,675	679	41	13	35
<b>TABLE 9. - WIRE MILEAGE IN CANADA</b>						
All Overhead Wires (not in cables)-						
Copper	83,979	110,356	153	271	5	2,003
Iron	75,032	59,169	11,130	1,987	435	1,352
Miles of Wire in Cables-						
Overhead	5,063	3,535	...	2	...	...
Underground	1,252	7,171	...	2	3	2
Submarine	42	446	237	...	...	...
Total miles of wire in Canada	165,368	180,677	11,520	2,262	443	3,357
Total wire mileage outside of Canada	1,957	5,200	14	...	...	...
Total wire mileage	167,325	185,877	11,534	2,262	443	3,357
<b>MILES OF MULTIPLE CHANNELS</b>						
Carrier current-						
Telegraph	154,377	130,947	...	...	...	...
Telephone	1,687	14,250	...	...	...	554
Automatic printing telegraph	85,031	71,250	...	...	...	...
Morse duplex telegraph	17,414	64,155	...	...	...	...
Simplex telegraph	8,889	32,786	...	...	...	3,270
Total channels in Canada	267,398	313,388	...	...	...	3,824
Channels outside of Canada	3,665	15,000	...	...	...	...
Total channels	271,063	328,388	...	...	...	3,824
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian & Foreign Stns.	...	...	...	...	...	...
<b>TABLE 10. - POLE LINE MILEAGE IN CANADA</b>						
Owned by the respondent	22,981	17,266	8,503	920	...	575
Leased from another company-						
Telegraph company	1,003	...	...	1	...	...
Telephone company	117	163	108	5	327	...
Other companies	120	...	...	...	...	...
Pole line mileage outside of Canada	(b) 251	(c) 291	14	...	...	...

(a) Includes wages chargeable to railway business.

Comprend les gages imputables sur le chemin de fer.

(b) Includes 1.02 miles leased from telegraph and other companies

Comprend 1.02 mille loué de compagnies de télégraphe et autres.

(c) Includes 86 miles leased from a telegraph company

Comprend 86 milles loués d'une compagnie de télégraphe.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1940

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
35	193	14	Data not available Données non reçues	Data not available Données non reçues	1,625	<u>TABLEAU 7. - EMPLOYES</u>
...	...	...			546	Opérateurs
44	38	22			4,256	Opératrices
79	231	36			6,427	Autres officiers et employés
168,380	382,051	64,118			8,265,637	Total
...	...	...	Data not available Données non reçues	Data not available Données non reçues	167,251	Total des salaires et gages
...	...	...			154,103	Commissions payées
...	...	...			321,354	Aux employés de chemin de fer
...	...	...				A d'autres personnes
...	...	...				Total
1	15	1	1	3	4,751	<u>TABLEAU 8. - NOMBRE DE BUREAUX</u>
...	11	...	...	...	30	Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés au Canada
1	26	1	(f) 1	(f) 3	4,781	Bureaux à l'étranger
						Nombre total de bureaux
5,408	...	...	Data not available Données non reçues	Data not available Données non reçues	202,175	<u>TABLEAU 9. - MILLAGE DE FIL AU CANADA</u>
3,142	...	...			152,247	Fils suspendus (non dans des câbles) -
414	...	...			9,014	en cuivre
481	...	...			8,911	en fer
75	...	...			800	Millage de fil dans des câbles -
9,520	...	...	Data not available Données non reçues	Data not available Données non reçues	373,147	suspendus
...	...	...			7,171	souterrains
9,520	...	...			380,318	sous-marins
						Millage total de fil au Canada
						Millage total de fil à l'extérieur du Canada
			Data not available Données non reçues	Data not available Données non reçues		Millage total de fil
...	...	...			285,324	<u>MILLES DE CANALISATIONS MULTIPLES</u>
...	...	...			16,491	Courant porteur-
...	...	...			156,281	Télégraphe
...	...	...			81,569	Téléphone
...	...	...	Data not available Données non reçues	Data not available Données non reçues	44,945	Télétypographe automatique
...	...	...			584,610	Télégraphe Morse double
...	...	...			18,665	Télégraphe simple
...	...	...			603,275	Canalisations globales au Canada
(e) 250	...	...			250	Canalisations hors du Canada
(e) 3,766	...	(e) 7,413			11,179	Canalisations globales
755	...	...	Data not available Données non reçues	Data not available Données non reçues	51,000	Milles de câble entre stations canadiennes
318	...	...			1,322	Milles de câble entre stations canadiennes et étrangères
...	...	...			720	<u>TABLEAU 10 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
...	...	...			120	Occupées par le propriétaire
...	...	...			(g) 55	Louées d'une autre compagnie -
						Compagnie de télégraphe
						Compagnie de téléphone
						Autres compagnies
						Millage de lignes sur poteaux à l'étranger

(d) Includes 44 part time employees.

(d) Comprend 44 employés à temps partiel.

(e) Nautical miles. - Milles nautiques.

(f) 1939 data. - Données de 1939.

(g) Includes 87.02 miles leased from telegraph and other companies.

(g) Comprend 87.02 milles loués de compagnies de télégraphe et autres.

TELEGRAPH AND CABLE STATISTICS, 1940

TABLE 11.	Pr. Edward	Nova	New	Quebec	Ontario	Manitoba	Saskat-
	Island	Scotia	Brunswick	Quebec	Ontario	Manitoba	chewan
	Ile du Prince Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba	Saskat- chewan
Pole line mileage	225	2,079	7,017	11,328	4,222	9,225	
Wire mileage	518	16,325	46,056	152,972	31,785	50,272	
Number of offices	40	157	933	1,409	319	640	
Telegrams sent	12,335	10,941	2,535,336	4,304,942	847,763	453,536	

	Year Ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1940	1939	1940
Commercial messages sent to ships and stations	2,646	4,789	4,455
Commercial messages received from ships and stations	2,383	5,738	6,810
Messages sent to government ships	63	155	651
Messages received from government ships	15	305	866
Service messages sent to ships and stations	691	1,116	2,298
Service messages received from ships and stations	743	1,136	2,268
Government messages sent to stations	93	310	1,939
Government messages received from stations	3,325	3,106	3,915
Total	3,909	16,745	23,202

TABLE 13. - MATERIALS USED, 1940	TABLEAU 13. - MATERIAUX EMPLOYES, 1940			
	Unit of Measurement Unité de Mesure	Quantity Quantité	Cost Value delivered at works Coût des matériaux à pied d'oeuvre	
Lumber	M Ft. Pieds	11,039	364	Bois de charpente
Poles, telegraph	No. Nomb.	42,029	138,631	Poteaux de télégraphe
Posts		...	...	Piquets
Wire, galvanized	Lb. Livres	405,042	24,184	Fil galvanisé
Wire, copper	Lb. Livres	730,772	124,442	Fil de cuivre
Storage batteries		...	2,397	Accumulateurs
Other materials		...	776,852	Autres matériaux
Total		...	1,066,870	Total

- (1) Includes 840 miles in Canada leased from telephone or power companies and 87.02 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore Radio-telephone traffic included in the Ontario totals:

	1940	1939
Paid messages to ships .....	1,520	989
Paid messages from ships .....	8,679	5,176
Government messages to ships .....	33	7
Government messages from ships .....	4	6
Service messages to ships .....	17	...
Service messages from ships .....	3	2



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1940

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	TABLEAU 11.
Alberta	Colombie Britannique	Yukon	Terre-Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,254	7,064	582	14	542	...	(1) 52,396	Milles le ligne sur poteaux
40,727	37,778	582	14	7,157	...	380,318	Milles de fil
472	514	11	...	...	30	4,781	Nombre de bureaux
680,655	1,052,357	6,040	...	...	35,312	11,260,587	Télégrammes envoyés

Année terminée le 31 décembre			TABLEAU 12. — RADIOGRAMMES MARCONI
Québec	(4) Ontario		
1939	(5) 1940	(5) 1939	
7,864	2,139	2,100	Messages commerciaux aux vaisseaux et aux stations
11,431	11,865	9,751	Messages commerciaux des vaisseaux et des stations
1,206	377	307	Messages aux vaisseaux du Gouvernement
1,540	731	841	Messages des vaisseaux du Gouvernement
3,052	1,414	1,414	Messages de service aux vaisseaux et aux stations
2,985	1,436	1,467	Messages de service des vaisseaux et des stations
2,569	213	248	Messages du Gouvernement aux stations
4,316	672	730	Messages du Gouvernement des stations
34,969	18,847	16,858	Total

TABLE 14. - VALUE OF WORK CARRIED OUT, 1940

TABLEAU 14. - VALEUR DES TRAVAUX EXECUTES, 1940

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction nouvelle	Modifications, entretien et réparations	Total	
	\$	\$	\$	
By company employees	610,642	993,525	1,604,167	Par les employés de la compagnie
By contractors	...	662	662	Par des entrepreneurs
Total	610,642	994,187	1,604,829	Total

- (1) Comprend 840 milles au Canada loués des compagnies de téléphone ou d'énergie et 87.02 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux d'Ontario:

	1940	1939
Messages payés envoyés aux vaisseaux .....	1,520	989
Messages payés envoyés des vaisseaux .....	8,679	5,176
Messages du gouvernement adressés aux vaisseaux .....	53	7
Messages de vaisseaux adressés au gouvernement .....	4	6
Messages de service envoyés aux vaisseaux .....	17	...
Messages de service envoyés des vaisseaux .....	3	2





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**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1941**

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OTTAWA  
1942



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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TELEGRAPH AND CABLE STATISTICS

1941

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and the Commercial Cable Company.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

The cost of property and equipment amounted to \$48,382,092 as against \$47,476,177 in 1940, an increase of \$906,915. Gross revenues increased from \$10,922,674 in 1940 to \$12,777,920, operating expenses increased from \$9,625,035 to \$10,878,222 and net revenues increased from \$1,297,639 to \$1,899,698, or by 46.4%. The 1940 data have been revised to include data for two cable companies which were omitted from last year's report due to the late receipt of the reports.

Decreases were recorded in both pole line and wire mileage, the pole line dropping from 52,396 miles in 1940 to 52,246 and the wire mileage dropping from 380,318 to 379,794. The number of employees rose from 6,593 to 7,272 and the pay roll increased from \$8,700,861 to \$10,042,496. The employees exclude those on a commission basis and the commissions also are excluded from the wages; these amounted to \$383,437 of which \$175,636 was earned by railway employees.

Telegrams sent amounted to 12,689,124, an increase of 1,428,537 over 1940, and the number received from the United States for delivery in Canada also increased from 1,471,495 to 1,593,446. Cablegrams, exclusive of wireless messages to vessels at sea, increased from 1,657,148 to 2,251,979.

During the year \$3,868,040 was transferred by telegraph, as compared with \$3,118,166 in 1940.



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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STATISTIQUES DES TELEGRAPHES ET CABLES

1941

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacifique, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; elles se rapportent également aux opérations canadiennes du réseau de la Canadian Marconi et la Commercial Cable Company.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont aussi considérées comme revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et travers l'océan Atlantique sont inclus avec les câblogrammes.

Le coût de la propriété et de l'outillage atteint \$48,382,092 comparativement à \$47,476,177 en 1940, augmentation de \$905,915. Les recettes brutes passent de \$10,922,674 en 1940 à \$12,777,920 cette année, les dépenses d'exploitation augmentent de \$9,625,035 à \$10,878,222 et les recettes nettes accusent une hausse de \$1,297,639 à \$1,899,698 ou 46%. Les chiffres de 1940 ont été révisés de façon à inclure les données de deux compagnies de câbles omises dans le rapport de l'an dernier vu la réception tardive des états.

Le millage des lignes sur poteaux fait voir une diminution de 52,396 milles en 1940 à 52,246 milles cette année, et le millage des fils tombe de 380,512 à 379,794 milles. Le personnel passe de 6,588 employés à 7,272 et le bordereau de paye augmente de \$8,700,861 à \$10,042,496. Le personnel ne comprend pas les personnes à commission et les commissions ne comptent pas parmi les salaires; elles s'élèvent à \$383,437 dont \$175,636 revient à des employés de chemin de fer.

Les télégrammes envoyés se chiffrent à 12,689,124, augmentation de 1,428,537 sur 1940; les télégrammes reçus des Etats-Unis pour livraison au Canada augmentent également de 1,471,495 à 1,592,446. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, augmentent de 1,657,148 à 2,251,979.

Les transferts télégraphiques d'argent durant l'année s'élèvent à \$3,868,040 contre \$3,118,180 en 1940.

TABLE 1.

TELEGRAPH AND CABLE STATISTICS

TABLÉAU 1.

STATISTIQUES DES TÉLÉGRAPHES ET CABLES

Year	Cost of Property and Equipment	Gross Revenues	Operating Expenses	Net Revenues	Net Corporate Income
Année	Coût de la propriété et de l'outillage	Recettes brutes	Dépenses d'exploitation	Recettes nettes	Revenu net des compagnies
	\$	\$	\$	\$	\$
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,372,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,594	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,376,873	8,710,349	1,666,524	1,363,156
1937	45,375,383	11,410,353	9,467,398	1,942,955	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,433	9,297,902	1,176,531	936,253
1940	x 47,476,177	x 10,922,674	x 9,625,035	x 1,297,639	x 1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236

  

Year	Pole Line Mileage	Wire Mileage	Employees (1)	Salaries and Wages
Année	Milles de ligne sur poteaux	Milles de fil	Employés (1)	Salaires et gages
				\$
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,050,830
1936	52,907	365,130	6,064	7,560,193
1937	53,001	369,411	6,401	8,075,838
1938	52,408	375,235	6,347	8,205,513
1939	52,464	374,350	6,339	8,232,773
1940	52,396	380,318	x 6,588	x 8,700,861
1941	52,246	379,794	7,272	10,042,490

  

Year	Telegrams - Télégrammes		Cablegrams (3)	Money Transfers
	Sent (2)	Received from the United States		Transferts d'argent
	Envoyés (2)	Reçus des Etats-Unis	Câblogrammes (3)	
1932	9,095,559	1,400,043	1,514,321	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,554
1935	9,565,710	1,578,111	1,297,454	3,834,458
1936	11,001,335	1,700,200	1,591,505	4,296,738
1937	11,644,203	1,812,121	1,488,767	4,550,731
1938	11,220,047	1,594,127	1,404,244	4,103,690
1939	10,783,000	1,700,000	1,400,000	3,539,988
1940	11,260,587	1,471,400	x 1,657,128	3,118,166
1941	12,689,124	1,500,000	2,241,379	3,298,040

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and both stations in Nova Scotia, Quebec and Ontario.

(3) Excludes radiograms relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

x Revised.

(1) A l'exclusion de la commission des opérateurs.

(2) Comprend les radiogrammes commerciaux aux et des navires sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Exclut les radiogrammes relayés non payés; inclut les messages payés sans fil aux navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

x Révisé.



TELEGRAPH AND CABLE STATISTICS, 1941

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	20,922,566	13,806,088	2,760,000	280,810	14,550	307,854
<u>REVENUES</u>						
Commercial telegraph tolls	3,788,481	2,757,579	190,282	23,887	34,096	58,898
Telegraph tolls on cable messages	188,969	848,537	...	60	...	288
Press telegraph tolls	80,126	117,566	...	79	...	1,209
Money transfer tolls	74,777	23,723	...	24	586	511
Stock and commercial news revenue	17,002	3,457	...	...	...	...
Weather reports (2)	54,762	17,570	...	...	...	...
Ticker rentals	103,747	37,971	...	...	...	...
Other telegraph transmission revenue	3,578	...	...	...	...	326
Telephone debits	Dr. 13,570	Dr. 6,618	...	...	...	...
Commercial cable tolls	...	...	...	...	...	...
Press cable tolls	...	...	...	...	...	...
Other cable transmission revenue	...	...	...	...	...	...
Rents from leased lines and wires	642,680	1,010,841	...	...	513,194	20,405
Rents from other operated property	133,601	132,209	...	...	...	...
Money transfer premiums	23,681	11,393	...	63	...	...
Other non-transmission revenue	69,031	44,969	686	...	14	...
Total	5,147,065	5,008,335	190,978	24,123	547,840	81,637
<u>TABLE 3. - EXPENSES</u>						
Maintenance of line and equipment	890,137	983,626	191,916	...	244	14,485
Supervision of operations	310,840	248,922	17,905	...	...	912
Operators	1,321,246	840,558	198,592	7,529	15,419	15,340
Commissions	212,255	112,682	15,700	2,114	792	4,365
Other operating expenses	1,586,733	1,242,775	23,287	1,601	319,024	18,674
Salaries of general officers and general office clerks	92,277	69,886	23,320	...	2,980	3,331
General office expenses	19,770	17,188	...	...	504	180
General law expenses	2,811	9	...	...	...	...
Insurance	...	5,622	...	...	39	152
Other general expenses	68,399	12,108	25,800	...	985	...
Total	4,510,446	3,546,376	501,520	11,244	359,985	57,459
<u>TABLE 4. - INCOME</u>						
Net operating revenue	656,619	1,456,959	Dr. 310,542	12,879	7,855	24,178
Lease of plant and rents	20,000	...	...	...	...	...
Other income	1,747	...	...	...	5,310	...
Gross income	658,366	1,456,959	Dr. 310,542	12,879	13,165	24,178
Taxes	110,707	65,443	...	554	7,115	...
Rents payable	227,500	...	...	992	...	...
Interest on funded debt	...	...	...	...	...	...
Other deductions	80,546	...	...	...	...	...
Total deductions	418,553	65,443	...	1,546	7,115	...
Net income	239,813	1,391,516	Dr. 310,542	11,333	6,050	24,178

(1) \$85,211 is a credit for maintenance expenses on through traffic.

(2) Previously included in Government telegraph tolls.

STATISTIQUES DES TÉLÉGRAPHES ET DES CABLES, 1941

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 2.
\$	\$	\$	\$	\$	\$	
2,152,251	1,452,433	586,744	18,816	300,000	48,382,092	<u>COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA</u>
(1)85,211	...	...	...	...	6,938,444	<u>RECETTES</u>
...	...	...	...	...	1,037,654	Droits sur télégrammes commerciaux
...	...	...	...	...	198,780	Droits des compagnies de télégraphe sur câblogrammes
...	...	...	...	...	104,569	Droits sur télégrammes officiels
...	...	...	...	...	20,459	Droits sur transferts d'argent
...	...	...	...	...	52,352	Messages financiers et commerciaux
...	...	...	...	...	141,718	Rapports météorologiques (2)
...	...	...	...	...	3,904	Loyers de télégraphe imprimeur
...	...	...	...	...	Dr. 19,988	Autres expéditions de câblogrammes
64,900	1,182,266	236,154	64,406	220,139	1,767,865	Débites téléphoniques
...	...	...	...	17,965	17,965	Droits sur câblogrammes commerciaux
...	...	...	...	98,047	98,047	Droits sur câblogrammes de la presse
...	...	...	...	...	1,986,660	Autres expéditions de câblogrammes
...	...	...	...	...	265,810	Loyer de lignes et de fils
...	...	...	...	...	35,137	Loyer sur autre propriété exploitée
15,854	...	...	...	...	130,564	Primes sur transferts d'argent
165,965	1,182,266	236,154	64,406	334,151	12,777,920	Autres revenus divers
						Total
4,229	303,871	39,157	392	196,622	2,624,679	<u>TABLEAU 3. - DEPENSES</u>
10,702	...	...	...	...	589,281	Entretien des lignes et de l'outillage
25,825	341,350	41,542	7,616	318,175	3,133,172	Surveillance de l'exploitation
22	...	...	...	...	355,928	Opérateurs
19,158	...	51,772	7,312	54,215	3,315,551	Commissions
10,998	89,302	...	5,849	122,051	419,974	Autres dépenses d'exploitation
422	...	...	...	...	53,084	Salaires des officiers et des commis du siège social
...	...	...	...	...	2,820	Dépenses générales du siège social
...	...	...	...	...	5,815	Frais juridiques généraux
89,652	118,069	18,861	30,042	24,126	394,940	Assurance
160,908	852,572	131,352	51,211	715,169	10,878,222	Autres dépenses générales
						Total
5,057	329,694	104,822	13,195	Dr. 381,018	1,899,698	<u>TABLEAU 4. - REVENU</u>
...	2,440	...	...	...	22,440	Recettes nettes d'exploitation
...	4,391,956	...	...	...	4,399,013	Location d'établissement et loyers
5,057	4,724,090	104,822	13,195	Dr. 381,018	6,321,151	Autre revenu
1,642	28,710	9,354	...	...	223,525	Revenu brut
3,531	...	...	...	...	232,023	Taxes
...	...	...	...	...	...	Loyers à percevoir
...	3,625,021	...	...	...	3,705,367	Intérêt sur la dette fondée
5,178	3,653,731	9,354	...	...	4,160,915	Autres déductions
Dr. 116	1,070,359	95,468	13,195	Dr. 381,018	2,160,256	Déductions totales
						Revenu net

(1) \$85,211 est un crédit pour les dépenses d'entretien sur les messages relayés.

(2) Antérieurement indiqués comme droits de péage du Gouvernement.



TELEGRAPH AND CABLE STATISTICS, 1941

	Canadian National Telegraphs	Canadian Pacific Railway Company	International Telegraph Service	North-West Alberta Railway Company	North American Telegraph Company	Imperial Wireless & Northern Ontario Ry. Comm.
	No.	No.	No.	No.	No.	No.
<b>TABLE 5. - TELEGRAMS TRANSMITTED</b>						
<u>Sent</u>						
Telegrams	7,101,924	4,130,958	384,596	50,214	65,367	32,619
Press (Equated 30 words to message)	(1)	758,950	...	804	500	1,096
Money transfers	(1)	25,535	...	25	375	...
C.N.D. (Equated 50 words to message)	(1)	40,904	...	...	...	...
Total	7,101,924	4,956,347	384,596	50,214	65,367	32,619
<u>Received from the United States</u>						
Telegrams	1,103,447	384,288	...	...	56,980	2,751
Press (Equated 30 words to message)	(1)	41,216	...	...	200	...
Money transfers	(1)	7,072	...	...	461	...
C.N.D. (Equated 50 words to message)	(1)	...	...	...	...	...
Total	1,103,447	427,977	...	...	57,641	2,751
<u>Total</u>						
Telegrams	8,205,371	4,515,246	384,596	50,214	121,478	35,370
Press (Equated 30 words to message)	(1)	800,196	...	804	700	1,096
Money transfers	(1)	27,608	...	25	376	...
C.N.D. (Equated 50 words to message)	(1)	40,904	...	...	...	...
Total	8,205,371	4,515,246	384,596	50,214	122,554	36,466
<b>TABLE 6. - CABLEGRAMS TRANSMITTED</b>						
<u>Messages Sent</u>						
Transferred to cable companies	252,139	541,488	...	...	...	...
Transferred to Canadian land lines	...	...	...	245	9,492	2,409
Transferred to foreign land lines	...	...	...	...	...	...
Transferred to wireless companies	...	135,838	...	...	...	...
Total	252,139	677,326	...	245	9,492	2,409
<u>Messages Received</u>						
Transferred from cable companies	127,431	299,771	...	...	...	...
Transferred from Canadian land lines	(1)	(1)	...	245	14,700	2,409
Transferred from foreign land lines	...	...	...	...	...	...
Transferred from wireless companies	...	135,838	...	...	...	...
Total	127,431	435,609	...	245	14,700	2,409
<u>Originated in Canada</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>Terminated in Canada</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressee	...	...	...	...	...	...
<u>Originated and Terminated in Other Countries and Handled at Canadian Stations (not included above)</u>						
...	...	...	...	...	...	...

(1) Included with telegrams.

(2) Commercial messages to and from ships in Nova Scotia.

(5) Includes 662 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1906

Union Telegraph Company No.	Canadian Maritime No.	Commercial Cable Company No.	Halifax and Bermudas Cable Co. No.	Pacific Cable Board No.	Total	
...	...	...	...	...	11,860,287	<u>Envoyés</u>
...	...	...	...	...	761,997	Télégrammes
...	...	...	...	...	25,936	Presse (30 mots équivalent à un message)
...	...	...	...	...	40,904	Transferts d'argent
...	...	...	...	...	...	Expédition de nouvelles commerciales (30 mots équivalent à un message)
...	...	...	...	...	12,689,124	Total
...	...	...	...	...	1,548,466	<u>Reçus des Etats-Unis</u>
...	...	...	...	...	41,446	Télégrammes
...	...	...	...	...	2,534	Presse (30 mots équivalent à un message)
...	...	...	...	...	...	Transferts d'argent
...	...	...	...	...	...	Expédition de nouvelles commerciales (30 mots équivalent à un message)
...	...	...	...	...	1,592,446	Total
...	...	...	...	...	13,408,753	<u>Total</u>
...	...	...	...	...	805,443	Télégrammes
...	...	...	...	...	28,470	Presse (30 mots équivalent à un message)
...	...	...	...	...	40,904	Transferts d'argent
...	...	...	...	...	...	Expédition de nouvelles commerciales (30 mots équivalent à un message)
...	...	...	...	...	...	
...	...	...	...	...	...	<u>TABLEAU 6. -- CABLOGRAMMES TRANSMIS</u>
...	...	...	...	...	...	<u>Messages Envoyés</u>
...	...	...	...	...	...	Transférés aux compagnies de câble
...	...	...	...	...	...	Transférés aux lignes de terre canadiennes
...	...	...	...	...	...	Transférés aux lignes continentales étrangères
...	...	...	...	...	...	Transférés aux compagnies de sans-fil
...	...	...	...	...	...	Total
...	...	...	...	...	801,122	<u>Messages Reçus</u>
...	...	...	...	...	16,982	Transférés des compagnies de câble
...	...	...	...	...	...	Transférés des lignes de terre canadiennes
...	...	...	...	...	132,590	Transférés des lignes continentales étrangères
...	...	...	...	...	950,694	Transférés des compagnies de sans-fil
...	...	...	...	...	...	Total
...	(5)149,013	...	...	...	605,166	<u>Provenant du Canada</u>
...	47,057	...	...	...	57,224	Reçus par lignes de terre
...	...	...	...	...	...	Reçus de l'expéditeur au bureau du câble
...	218,070	...	...	...	562,642	<u>Arrivant au Canada</u>
...	198,973	...	...	...	207,276	Transmis aux lignes de terre pour livraison
...	...	...	...	...	...	Transmis directement au destinataire
...	...	...	...	...	...	<u>En provenance de et destinés à d'autres pays</u>
...	...	...	448,735	1,253,366	1,945,144	et transmis aux stations canadiennes - (non compris ci-dessus)

(1) Compris avec télégrammes.

(2) Messages commerciaux aux et des navires en Atlantique. Les messages reçus des stations dans la Nouvelle-Ecosse. Comprend 662 messages commerciaux aux et des navires en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1941

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
<b>TABLE 7. - MONEY TRANSFERS</b>							
<u>Money transfers to-</u>							
United States	\$	79,745	24,800	...	...	8,543	...
United Kingdom	\$	20,529	...	...	...	...	...
Other foreign countries	\$	85	...	...	...	...	...
Total	\$	100,359	24,800	...	...	8,543	...
<u>Money transfers from-</u>							
United States	\$	1,089,426	122,490	...	...	...	...
United Kingdom	\$	...	...	...	...	...	...
Other foreign countries	\$	3,033	...	...	...	...	...
Between Canadian stations	\$	1,641,463	659,813	...	6,801	11,312	...
Total	\$	2,733,922	982,303	...	6,801	11,312	...
<u>Money transfers to and from-</u>							
United States	\$	1,169,171	147,290	...	...	8,543	...
United Kingdom	\$	20,529	...	...	...	...	...
Other foreign countries	\$	3,118	...	...	...	...	...
Between Canadian stations	\$	1,641,463	859,813	...	6,801	11,312	...
Total	\$	2,834,281	1,007,103	...	6,801	19,855	...
<b>TABLE 8. - EMPLOYEES</b>							
Operators		973	683	393	5	8	11
Other officers and employees		2,220	2,090	282	8	14	51
Total		3,193	2,773	675	13	22	(b) 62
Total salaries and wages	\$	(a) 4,420,249	(a) 3,923,040	363,277	(a) 16,543	18,399	39,396
<u>Commissions paid-</u>							
To railway employees	\$	80,055	90,175	...	2,024	...	3,384
To other persons	\$	138,180	52,038	15,700	90	792	1,001
Total	\$	218,233	142,213	15,700	2,114	792	4,385
<b>TABLE 9. - NUMBER OF OFFICES</b>							
<u>Number of offices at which telegrams or cablegrams are received and forwarded</u>							
in Canada		2,322	1,702	677	41	11	29
Offices outside of Canada		4	12	2	...	...	...
Total		2,326	1,714	679	41	11	29

(a) Includes wages chargeable to railway operations.

(b) Includes 59 part-time employees.

(c) Includes 1,012 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1941

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudes Cable Co.	Pacific Cable Board	TOTAL	
						<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
...	...	...	...	...	113,088	<u>Transferts d'argent-</u>
...	...	...	...	...	20,529	aux Etats-Unis
...	...	...	...	...	85	au Royaume-Uni
...	...	...	...	...	133,702	à d'autres pays étrangers
						Total
...	...	...	...	...	1,211,916	<u>Transferts d'argent-</u>
...	...	...	...	...	...	des Etats-Unis
...	...	...	...	...	3,033	du Royaume-Uni
...	...	...	...	...	2,519,389	d'autres pays étrangers
...	...	...	...	...	3,734,338	entre stations canadiennes
						Total
...	...	...	...	...	1,325,004	<u>Transferts d'argent-</u>
...	...	...	...	...	20,529	aux et des Etats-Unis
...	...	...	...	...	3,118	au et du Royaume-Uni
...	...	...	...	...	2,519,389	à et d'autres pays étrangers
...	...	...	...	...	3,868,040	entre stations canadiennes
						Total
37	199	19	2	71	2,401	<u>TABLEAU 8. - EMPLOYES</u>
63	42	19	6	76	4,871	Opérateurs
100	241	38	8	147	(c) 7,272	Autres officiers et employés
						Total
198,486	436,332	72,995	15,641	538,138	10,042,496	Total des salaires et gages
...	...	...	...	...	175,636	<u>Commissions payées-</u>
...	...	...	...	...	207,801	Aux employés de chemin de fer
...	...	...	...	...	383,437	A d'autres personnes
						Total
						<u>TABLEAU 9. - NOMBRE DE BUREAUX</u>
1	15	1	1	3	4,803	Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés au Canada
...	11	...	...	...	29	Bureaux à l'étranger
1	26	1	1	3	4,832	Total

(a) Comprend les gages imputables sur le chemin de fer.

(b) Comprend 39 employés à temps partiel.

(c) Comprend 1,012 employés.



TELEGRAPH AND CABLE STATISTICS, 1941

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
<b>TABLE 10. - WIRE MILEAGE IN CANADA</b>						
<u>All Overhead Wires (not in cable)</u>						
Copper	86,024	113,222	153	271	5	1,218
Iron	73,188	58,938	11,210	1,987	434	1,352
Wire in cable (in service)	6,315	10,278	237	4	...	13
Total miles of wire in Canada	165,527	182,438	11,600	2,262	439	2,583
Total miles of wire outside of Canada	1,943	3,463	14	...	...	...
Total wire mileage	167,470	185,901	11,614	2,262	439	2,583
<u>MILES OF CABLE</u>						
Overhead	152	411	...	...	...	3
Underground	55	463	...	...	...	...
Submarine	13	166	197	...	...	...
Miles of cable in Canada	223	1,040	197	...	...	3
Miles of cable outside of Canada	1	12	...	...	...	...
Total	224	1,052	197	...	...	3
<u>MILES OF MULTIPLE CHANNELS</u>						
<u>Carrier Current-</u>						
Telegraph	166,996	149,946	...	...	...	...
Telephone	1,840	16,046	...	...	...	...
Automatic Printing Telegraph	103,715	83,642	...	...	...	...
Morse Duplex Telegraph	17,095	57,189	...	...	...	...
Simplex Telegraph	14,476	28,954	...	299	...	3,160
Total Channels in Canada	304,122	335,677	...	299	...	3,160
Channels outside of Canada	4,307	12,713	...	...	...	...
Total Channels	308,429	348,390	...	299	...	3,160
<u>Miles of Telephone Service in Canada</u>						
Long Distance	3,395	23,950	...	299	...	8,475
Train Dispatching	13,976	11,126	...	...	...	756
Miles of telephone service outside of Canada	258	287	...	...	...	...
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian & Foreign Stns.	...	...	...	...	...	...
<b>TABLE 11. - POLE LINE MILEAGE IN CANADA</b>						
Owned by the respondent	22,550	17,522	8,503	920	...	574
<u>Leased from another company-</u>						
Telegraph company	982	...	...	1	...	...
Telephone company	117	163	108	5	327	...
Other companies	146	...	...	...	...	...
Pole line mileage outside of Canada	(1) 246	(2) 296	14	...	...	...

(1) Includes 1 mile leased from other companies.

(2) Includes 86 miles leased from a telegraph company.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1941

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
5,433	...	...	...	...	206,326	<u>Tout fil aérien (non en câble)</u>
3,118	...	...	...	...	150,227	Cuivre
974	...	...	...	...	17,821	Fer
9,525	...	...	...	...	374,374	Fil en câble (en service)
...	...	...	...	...	5,420	Total milles de fil au Canada
9,525	...	...	...	...	379,794	Total milles de fil en dehors du Canada
						Total, millage de fil
						<u>MILLES DE CABLE</u>
7	...	...	...	...	573	Aérien
23	...	...	...	...	541	Souterrain
6	...	...	...	...	385	Sous-marin
36	...	...	...	...	1,499	Milles de câble au Canada
...	...	...	...	...	13	Milles de câble en dehors du Canada
36	...	...	...	...	1,512	Total
						<u>MILLES DE CANALISATIONS MULTIPLES</u>
...	...	...	...	...	316,842	Courant porteur
...	...	...	...	...	17,886	Télégraphe
...	...	...	...	...	187,557	Téléphone
...	...	...	...	...	74,284	Télétypographe automatique
...	...	...	...	...	46,889	Télégraphe Morse double
...	...	...	...	...	643,258	Télégraphe simple
...	...	...	...	...	17,020	Canalisations globales au Canada
...	...	...	...	...	680,278	Canalisations hors du Canada
...	...	...	...	...		Canalisations globales
...	...	...	...	...		<u>Milles de Service Téléphonique au Canada</u>
...	...	...	...	...	36,119	Interurbain
...	...	...	...	...	25,858	Expédition de trains
...	...	...	...	...	545	Milles de service téléphonique en dehors du Canada
3) 250	...	...	...	...	(3) 250	Milles de câble entre stations canadiennes
3) 3,771	...	(3) 7,414	(3) 870	(3) 20,750	(3) 32,805	Milles de câble entre stations canadiennes et étrangères
						<u>TABEAU 11. - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
755	...	...	...	...	50,824	Occupées par le propriétaire
318	...	...	...	...	1,301	Louées d'une autre compagnie-
...	...	...	...	...	720	Compagnie de télégraphe
...	...	...	...	...	146	Compagnie de téléphone
...	...	...	...	...	556	Autres compagnies
						Millage de lignes sur poteaux à l'étranger

- 1) Comprend 1 mille loué d'autres compagnies.
- 2) Comprend 86 milles loués d'une compagnie de télégraphe.
- 3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1941

Table 12.	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan
	Ile du Pr. Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba	Saskatchewan
Pole line mileage	285	2,784	2,097	6,920	11,264	4,214	9,226
Wire mileage	922	15,955	17,305	45,604	132,531	31,976	50,487
Number of offices	40	246	165	938	1,431	323	646
Telegrams sent	89,989	923,806	612,581	2,759,498	4,951,121	925,360	511,961

Table 13. - MARCONI WIRELESS MESSAGES	Year ended December 31		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1941	1940	1941
Commercial messages sent to ships and stations	2,753	2,646	5,511
Commercial messages received from ships and stations	2,633	2,383	7,222
Messages sent to government ships	112	63	439
Messages received from government ships	189	15	997
Service messages sent to ships and stations	732	691	2,216
Service messages received from ships and stations	734	743	2,294
Government messages sent to stations	99	93	2,009
Government messages received from stations	3,741	3,325	4,147
Total	10,993	9,959	24,835

Table 14. - VALUE OF WORK CARRIED OUT, 1941		Tableau 14.- VALEUR DES TRAVAUX EXECUTES, 1941		
	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction Nouvelle	Modifications, Entretien et Réparations	Total	
By company employees	1,003,325	1,116,880	2,120,205	Par les employés de la compagnie
By contractors	...	...	...	Par les entrepreneurs
Total	1,003,325	1,116,880	2,120,205	Total

- (1) Includes 866 miles in Canada leased from telephone or power companies and 87 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence river and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore radio-telephone traffic included in the Ontario totals:

	1941	1940
Paid messages to ships .....	2,674	1,520
Paid messages from ships .....	12,649	8,679
Government messages to ships ...	6	33
Government messages from ships..	4	4
Service messages to ships .....	1	17
Service messages from ships ....	...	3



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1941

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	Tableau 12.
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,255	7,063	582	14	542	...	(1) 52,246	Milles de ligne sur poteaux
40,993	38,019	582	14	5,406	...	379,794	Milles de fil
486	517	11	...	...	29	4,832	Nombre de bureaux
752,172	1,134,897	7,225	...	...	20,514	12,669,124	Télégrammes envoyés

Année terminée le 31 décembre			Tableau 13. - RADIOGRAMMES MARCONI
Québec	(4) Ontario		
1940	(5) 1941	(5) 1940	
4,455	3,103	2,139	Messages commerciaux aux vaisseaux et aux stations
6,810	15,504	11,865	Messages commerciaux des vaisseaux et des stations
651	380	377	Messages aux vaisseaux du Gouvernement
866	548	731	Messages des vaisseaux du Gouvernement
2,298	1,396	1,414	Messages de service aux vaisseaux et aux stations
2,268	1,394	1,436	Messages de service des vaisseaux et des stations
1,939	167	213	Messages du Gouvernement aux stations
3,915	666	672	Messages du Gouvernement des stations
23,202	23,158	18,847	Total

- Comprend 868 milles au Canada loués des compagnies de téléphone ou d'énergie et 87 milles au dehors du Canada loués de compagnies de télégraphe. A l'exclusion du milage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'Océan Atlantique.
- Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.
- Transmission radiotéléphonique de vaisseaux aux côtes comprise dans les totaux d'Ontario.

	1941	1940
Messages payés envoyés aux vaisseaux .....	2,674	1,520
Messages payés envoyés des vaisseaux .....	12,649	8,679
Messages du gouvernement adressés aux vaisseaux..	6	35
Messages de vaisseaux adressés au gouvernement ..	4	4
Messages de service envoyés aux vaisseaux .....	1	17
Messages de service envoyés des vaisseaux .....	...	3





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Minister of Trade and Commerce.

**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1942**

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OTTAWA  
1943

Price 10 cents



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION & PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

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The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and the Commercial Cable Company.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic Ocean have been included with cablegrams.

The cost of property and equipment amounted to \$49,192,861 as against \$48,382,092 in 1941, an increase of \$810,769. Gross revenues increased from \$12,777,920 in 1941 to \$14,826,451, operating expenses increased from \$10,878,222 to \$11,925,417 and net revenues increased from \$1,899,698 to \$2,901,014, or by 53 p.c.

Pole line and wire mileage also recorded increases, amounting to 52,418 and 381,955 miles respectively. The number of employees rose from 7,272 in 1941 to 7,544 and the pay roll increased from \$10,042,496 to \$11,424,268. The employees exclude those on a commission basis and the commissions also are excluded from the wages; these amounted to \$420,660 of which \$189,361 was earned by railway employees.

Telegrams sent increased from 12,689,124 to 13,660,987 while the number received from the United States for delivery in Canada also increased from 1,592,446 to 1,761,144. Cablegrams, exclusive of wireless messages to vessels at sea, increased from 2,251,979 to 2,831,549, or by 26 p.c.

Money transferred by telegraph showed an increase of 41 p.c., amounting to \$5,439,880 as against \$3,868,040 in 1941.



**BUREAU FEDERAL DE LA STATISTIQUE**  
**BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES**

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Statisticien du Dominion: S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.  
Chef de la Branche des Transports et Utilités Publiques: G.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES ET CABLES

1942

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacifique, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court village en Ontario; elles se rapportent également aux opérations canadiennes du réseau de la Canadian Marconi et la Commercial Cable Company.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

Le total de la propriété et de l'outillage atteint \$49,192,861 comparativement à \$48,382,092 en 1941, augmentation de \$810,769. Les recettes brutes passent de \$12,777,920 en 1941 à \$14,826,431; les dépenses d'exploitation augmentent de \$10,878,222 à \$11,925,417, tandis que les recettes nettes accusent une augmentation de \$1,899,698 à \$2,901,014 ou de 53 p.c.

Le millage des lignes sur poteaux et des fils laissent également voir des augmentations, s'élevant à 52,419 et 381,353 milles respectivement. Le nombre d'employés passe de 7,272 en 1941 à 7,544 en 1942, tandis que le bordereau de paye augmente de \$10,042,496 à \$11,424,268. Le personnel ne comprend pas les personnes à commission et les commissions ne comptent pas parmi les salaires; elles se chiffrent à \$420,660, dont \$189,361 reviennent à des employés de chemin de fer.

Les télégrammes envoyés augmentent de 12,689,124 à 13,660,987, tandis que les télégrammes reçus des Etats-Unis pour livraison au Canada augmentent de 1,592,446 à 1,761,144. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, augmentent de 2,251,979 à 2,831,549 ou de 26 p.c.

Les transferts télégraphiques d'argent augmentent de 41 p.c. et se chiffrent à \$5,439,880 contre \$5,868,040 en 1941.

Table 1.

Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,379	1,325,015	1,023,155
1936	45,708,710	10,378,873	8,710,849	1,668,024	1,263,136
1937	45,375,383	11,410,433	9,467,898	1,942,535	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,902	1,176,587	936,253
1940	47,476,177	10,922,674	9,625,055	1,297,619	1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,133
Year Année		Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et gages
					\$
1933		52,112	365,489	5,263	5,870,433
1934		52,406	366,706	5,624	6,431,647
1935		53,034	365,518	5,903	7,030,830
1936		52,907	363,180	6,064	7,360,193
1937		53,001	369,411	6,401	8,075,338
1938		52,408	373,283	6,347	8,205,518
1939		52,464	374,550	6,339	8,232,773
1940		52,396	380,318	6,588	8,700,361
1941		52,246	379,794	7,272	10,042,496
1942		52,418	381,953	7,544	11,424,268
Year Année		Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
		Sent (2) Envoyés (2)	Received from the United States Reçus des Etats-Unis		\$
1933		8,525,523	1,537,593	1,597,044	3,632,910
1934		8,991,843	1,553,798	1,691,477	3,950,854
1935		9,565,719	1,573,116	1,297,454	3,834,458
1936		11,001,936	1,733,250	1,391,903	4,258,732
1937		11,644,209	1,812,121	1,468,767	4,550,731
1938		11,220,047	1,594,187	1,404,244	4,103,690
1939		10,783,271	1,679,641	1,492,389	3,532,988
1940		11,260,587	1,471,495	1,657,148	3,118,168
1941		12,689,124	1,592,446	2,251,979	5,868,040
1942		13,660,987	1,761,144	2,831,549	5,439,880

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion de la commission des opérateurs.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1942

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	21,380,639	20,044,319	2,800,000	315,921	14,609	307,852
<u>REVENUES</u>						
Commercial telegraph tolls	4,148,537	2,977,263	224,013	44,996	34,993	52,036
Telegraph tolls on cable messages	281,286	1,127,791	...	110	...	502
Press telegraph tolls	72,880	104,254	...	95	...	798
Money transfer tolls	110,298	44,220	...	21	1,094	479
Stock and commercial news revenue	11,671	3,669	...	...	...	1,095
Weather reports	38,386	12,206	...	...	...	...
Ticker rentals	92,284	33,984	...	...	...	...
Other telegraph transmission revenue	3,193	...	...	...	...	369
Telephone debits	Dr. 13,965	Dr. 8,031	...	...	...	...
Commercial cable tolls	...	...	...	...	...	...
Press cable tolls	...	...	...	...	...	...
Other cable transmission revenue	...	...	...	...	...	...
Rents from leased lines and wires	889,151	1,275,409	...	...	323,113	17,437
Rents from other operated property	190,353	176,367	...	...	...	...
Money transfer premiums	33,293	15,910	...	45	...	...
Other non-transmission revenue	52,698	36,531	456	...	11	...
Total	5,910,065	5,799,573	224,469	45,267	359,211	72,716
<u>TABLE 3. - EXPENSES</u>						
Maintenance of line and equipment	871,689	1,294,734	192,760	...	552	11,960
Supervision of operations	329,387	257,950	19,250	484	...	737
Operators	1,495,950	958,973	230,323	8,551	22,266	14,484
Commissions	236,563	124,753	19,425	3,691	903	4,424
Other operating expenses	1,760,829	1,416,583	27,619	5,067	328,667	18,280
Salaries of gen'l officers & gen'l office clerks	99,165	72,195	24,246	...	4,518	5,617
General office expenses	20,452	15,767	...	...	721	95
General law expenses	1,167	47	...	...	...	...
Insurance	...	8,752	...	...	48	175
Other general expenses	67,400	12,693	24,117	...	1,656	...
Total	4,882,602	4,162,447	537,740	17,793	359,351	55,772
<u>TABLE 4. - INCOME</u>						
Net operating revenue	1,027,463	1,637,126	Dr. 313,271	27,474	Dr. 120	16,944
Lease of plant and rents	20,000	...	...	...	...	...
Other income	635	...	...	...	5,394	...
Gross income	1,048,098	1,637,126	Dr. 313,271	27,474	5,274	16,944
Taxes	104,465	67,712	...	89	2,086	...
Rents payable	227,500	...	...	1,225	...	...
Interest on funded debt	...	...	...	...	...	...
Other deductions	14,229	...	...	...	...	...
Total deductions	346,194	67,712	...	1,314	2,086	...
Net income	701,904	1,569,414	Dr. 313,271	26,160	3,188	16,944

(1) \$82,975 is a credit for maintenance expenses on through traffic.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1942

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 2.
\$	\$	\$	\$	\$	\$	
2,143,403	1,257,833	609,449	18,816	300,000	49,192,861	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
(1)82,975	...	...	...	...	7,564,813	RECETTES
...	...	...	...	...	1,409,689	Droits sur télégrammes commerciaux
...	...	...	...	...	178,027	Droits des compagnies de télégraphe sur câblogrammes
...	...	...	...	...	156,112	Droits sur télégrammes officiels
...	...	...	...	...	16,435	Droits sur transferts d'argent
...	...	...	...	...	50,592	Messages financiers et commerciaux
...	...	...	...	...	126,268	Rapports météorologiques
...	...	...	...	...	3,562	Loyers de télégraphe imprimeur
...	...	...	...	...	Dr. 21,996	Autres expéditions de câblogrammes
96,662	1,350,170	311,765	53,172	239,816	2,051,585	Débites téléphoniques
...	...	...	...	36,211	36,211	Droits sur câblogrammes commerciaux
...	...	...	...	195,984	195,984	Droits sur câblogrammes de la presse
...	...	...	...	...	2,505,110	Autres expéditions de câblogrammes
...	...	31,539	...	...	598,259	Loyers de lignes et de fils
...	...	...	...	...	49,248	Loyer sur autre propriété exploitée
16,836	...	...	...	...	106,532	Primes sur transferts d'argent
196,473	1,350,170	343,304	53,172	472,011	14,826,431	Autres revenus divers
						Total
						TABLEAU 3. - DEPENSES
9,436	298,526	31,719	169	184,845	2,890,390	Entretien des lignes et de l'outillage
9,809	...	...	...	...	617,617	Surveillance de l'exploitation
52,598	342,487	37,916	7,754	290,294	3,441,596	Opérateurs
57	...	...	...	...	389,816	Commissions
21,971	...	32,895	10,070	78,970	3,700,951	Autres dépenses d'exploitation
15,430	94,783	...	6,327	158,275	478,556	Salaires des officiers et des commis du siège social
620	...	...	...	...	37,655	Dépenses générales du siège social
...	...	...	...	...	1,214	Frais juridiques généraux
...	...	...	...	...	8,975	Assurance
87,582	123,413	17,340	2,157	16,489	352,847	Autres dépenses générales
175,303	859,209	119,870	26,477	728,873	11,925,417	Total
						TABLEAU 4. - REVENU
21,170	490,961	223,434	26,695	Dr.256,862	2,901,014	Recettes nettes d'exploitation
...	2,380	...	...	...	22,380	Location d'établissement et loyers
...	8,551,066	...	...	...	8,557,095	Autre revenu
21,170	9,044,407	223,434	26,695	Dr.256,862	11,480,489	Revenu brut
1,033	20,503	7,245	15,396	...	226,529	Taxes
3,617	...	...	...	...	232,342	Loyers à percevoir
...	...	...	...	...	...	Intérêt sur la dette fondée
...	7,666,196	...	...	...	7,680,425	Autres déductions
4,650	7,664,699	7,245	15,396	...	...	Autres déductions
16,520	1,849,708	216,189	11,299	Dr.256,862	3,341,193	Revenu net

(1) \$82,975 est un crédit pour les dépenses d'entretien sur les messages relayés.



TELEGRAPH AND CABLE STATISTICS, 1942

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
	No.	No.	No.	No.	No.	No.
<u>TABLE 5. - TELEGRAMS TRANSMITTED</u>						
<u>Sent</u>						
Telegrams	6,590,438	4,478,893	474,311	158,375	71,671	83,338
Press (Equated 30 words to message)	542,020	923,614	...	129	612	1,244
Money transfers	96,567	40,273	...	25	534	...
C.N.D. (Equated 30 words to message)	153,552	5,703	...	...	...	...
Total	7,382,577	5,448,683	474,311	158,529	72,817	84,582
<u>Received from the United States</u>						
Telegrams	1,057,733	337,943	...	...	63,202	3,138
Press (Equated 30 words to message)	187,518	33,443	...	...	303	...
Money transfers	28,907	3,569	...	...	1,154	...
C.N.D. (Equated 30 words to message)	44,352	82	...	...	...	...
Total	1,318,510	374,837	...	...	64,659	3,138
<u>Total</u>						
Telegrams	7,648,171	4,816,836	474,311	158,375	134,873	86,476
Press (Equated 30 words to message)	729,538	957,257	...	129	915	1,244
Money transfers	125,474	43,642	...	25	1,688	...
C.N.D. (Equated 30 words to message)	197,904	5,785	...	...	...	...
Total	8,701,087	5,823,520	474,311	158,529	137,476	87,720
<u>TABLE 6. - CABLEGRAMS TRANSMITTED</u>						
<u>Messages Sent</u>						
Transferred to cable companies	346,811	582,430	...	...	...	...
Transferred to Canadian land lines	...	...	...	482	12,713	2,334
Transferred to foreign land lines	...	...	...	...	...	...
Transferred to wireless companies	...	92,751	...	...	80	...
Total	346,811	675,161	...	482	12,793	2,334
<u>Messages Received</u>						
Transferred from cable companies	230,928	842,084	...	...	...	...
Transferred from Canadian land lines	...	...	...	561	21,832	3,961
Transferred from foreign land lines	...	...	...	...	...	...
Transferred from wireless companies	...	152,613	...	...	660	...
Total	230,928	994,697	...	561	22,492	3,961
<u>Originated in Canada</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>Terminated in Canada</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressee	...	...	...	...	...	...
<u>Originated and Terminated in Other Countries and Handled at Canadian Stations (not included above)</u>						
	16,865	...	...	...	...	...

- (1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
(2) Includes 229 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1942

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.		
...	(1) 39,488	...	...	...	11,896,514	<u>TABLEAU 5. - TELEGRAMMES TRANSMIS</u>
...	...	...	...	...	1,467,819	<u>Envoyés</u>
...	...	...	...	...	137,599	Télégrammes
...	...	...	...	...	159,255	Presse (30 mots équivalent à un message)
...	39,488	...	...	...	13,660,987	Transferts d'argent
						Expédition de nouvelles commerciales (30 mots équivalent à un message)
						Total
...	...	...	...	...	1,462,016	Réçus des Etats-Unis
...	...	...	...	...	221,264	Télégrammes
...	...	...	...	...	33,430	Presse (30 mots équivalent à un message)
...	...	...	...	...	44,434	Transferts d'argent
...	...	...	...	...	1,761,144	Expédition de nouvelles commerciales (30 mots équivalent à un message)
						Total
...	(1) 39,488	...	...	...	13,358,530	<u>Total</u>
...	...	...	...	...	1,689,083	Télégrammes
...	...	...	...	...	170,829	Presse (30 mots équivalent à un message)
...	...	...	...	...	203,689	Transferts d'argent
...	39,488	...	...	...	15,422,131	Expédition de nouvelles commerciales (30 mots équivalent à un message)
						Total
112,243	...	...	...	...	1,041,484	<u>TABLEAU 6. - CABLOGRAMMES TRANSMIS</u>
...	...	...	...	...	15,529	<u>Messages Envoyés</u>
...	...	...	...	...	...	Transférés aux compagnies de câble
...	...	...	...	...	92,811	Transférés aux lignes de terre canadiennes
112,243	...	...	...	...	1,149,824	Transférés aux lignes continentales étrangères
						Transférés aux compagnies de sans-fil
						Total
74,658	...	...	...	...	1,147,670	<u>Messages Reçus</u>
...	...	...	...	...	26,354	Transférés des compagnies de câble
...	...	...	...	...	...	Transférés des lignes de terre canadiennes
...	...	...	...	...	153,273	Transférés des lignes continentales étrangères
74,658	...	...	...	...	1,327,297	Transférés des compagnies de sans-fil
						Total
...	(2) 144,478	188,355	20,328	358,261	711,422	<u>Provenant du Canada</u>
...	43,237	...	20,186	...	63,423	Reçus par lignes de terre
...	232,695	...	32,162	429,062	693,919	Reçus de l'expéditeur au bureau du câble
...	274,483	...	16,522	...	291,005	<u>Arrivant au Canada</u>
...	96,775	...	401,282	1,194,988	1,709,908	Transmis aux lignes de terre pour livraison
						Transmis directement au destinataire
						En provenance de et destinés à d'autres pays
						et transmis aux stations canadiennes - (non compris ci-dessus)

Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.  
Comprend 229 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1942

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
<b>TABLE 7. - MONEY TRANSFERS</b>							
<u>Money transfers to-</u>							
United States	\$	183,332	44,827	...	...	12,536	...
United Kingdom	\$	25,340	...	...	...	...	...
Other foreign countries	\$	...	...	...	...	...	...
Total	\$	208,672	44,827	...	...	12,536	...
<u>Money transfers from-</u>							
United States	\$	1,464,916	128,715	...	...	...	...
United Kingdom	\$	...	...	...	...	...	...
Other foreign countries	\$	4,672	...	...	...	...	...
Between Canadian stations	\$	2,390,452	1,158,893	...	4,413	21,784	...
Total	\$	3,860,040	1,287,608	...	4,413	21,784	...
<u>Money transfers to and from-</u>							
United States	\$	1,648,248	173,542	...	...	12,536	...
United Kingdom	\$	25,340	...	...	...	...	...
Other foreign countries	\$	4,672	...	...	...	...	...
Between Canadian stations	\$	2,390,452	1,158,893	...	4,413	21,784	...
Total	\$	4,068,712	1,332,435	...	4,413	34,320	...
<b>TABLE 8. - EMPLOYEES</b>							
Operators		988	737	392	8	10	11
Other officers and employees		2,357	2,216	223	13	18	47
Total		3,345	2,953	615	21	28	(b) 58
Total salaries and wages	\$	(a) 5,196,121	(a) 4,468,098	399,811	(a) 23,872	26,784	35,889
<u>commissions paid-</u>							
To railway employees	\$	84,014	98,083	...	3,691	...	3,573
To other persons	\$	152,549	57,515	19,425	...	903	850
Total	\$	236,563	155,598	19,425	3,691	903	4,423
<b>TABLE 9. - NUMBER OF OFFICES</b>							
Number of offices at which telegrams or cablegrams are received and forwarded							
in Canada		2,338	1,792	717	41	12	29
Offices outside of Canada		4	12	2	...	...	...
Total		2,342	1,804	719	41	12	29

(a) Includes wages chargeable to railway operations.

(b) Includes 38 part-time employees.

(c) Includes 1,436 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1942

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
...	...	...	...	...	240,695	<u>TABLEAU 7. - TRANSFERTS D'ARGENT</u>
...	...	...	...	...	25,340	<u>Transferts d'argent-</u>
...	...	...	...	...	...	aux Etats-Unis
...	...	...	...	...	...	au Royaume-Uni
...	...	...	...	...	266,035	à d'autres pays étrangers
...	...	...	...	...	...	Total
...	...	...	...	...	1,593,631	<u>Transferts d'argent-</u>
...	...	...	...	...	...	des Etats-Unis
...	...	...	...	...	4,672	du Royaume-Uni
...	...	...	...	...	3,575,542	d'autres pays étrangers
...	...	...	...	...	5,173,845	entre stations canadiennes
...	...	...	...	...	...	Total
...	...	...	...	...	1,834,326	<u>Transferts d'argent-</u>
...	...	...	...	...	25,340	aux et des Etats-Unis
...	...	...	...	...	4,672	au et du Royaume-Uni
...	...	...	...	...	3,575,542	à et d'autres pays étrangers
...	...	...	...	...	5,439,880	entre stations canadiennes
...	...	...	...	...	...	Total
41	165	18	2	77	2,449	<u>TABLEAU 8. - EMPLOYES</u>
65	44	18	3	91	5,095	Opérateurs
106	209	36	5	168	(c) 7,544	Autres officiers et employés
...	...	...	...	...	...	Total
218,417	432,097	68,472	14,713	539,994	11,424,268	Total des salaires et gages
...	...	...	...	...	189,361	<u>Commissions payées-</u>
57	...	...	...	...	231,299	Aux employés de chemin de fer
57	...	...	...	...	420,660	A d'autres personnes
...	...	...	...	...	...	Total
1	15	1	1	3	4,950	<u>TABLEAU 9. - NOMBRE DE BUREAUX</u>
...	11	...	...	...	29	Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés au Canada
1	26	1	1	3	4,979	Bureaux à l'étranger
...	...	...	...	...	...	Total

(a) Comprend les gages imputables sur le chemin de fer.

(b) Comprend 38 employés à temps partiel.

(c) Comprend 1,436 employées.



TELEGRAPH AND CABLE STATISTICS, 1942

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm.
<u>TABLE 10. - WIRE MILEAGE IN CANADA</u>						
<u>All Overhead Wires (not in cable)</u>						
Copper	87,790	115,255	152	548	5	1,218
Iron	73,405	58,809	11,293	1,987	433	1,352
Wire in cable (in service)	6,451	8,058	239	6	...	13
Total miles of wire in Canada	167,646	182,122	11,684	2,541	438	2,583
Total miles of wire outside of Canada	1,947	3,444	14	...	...	...
Total wire mileage	169,593	185,566	11,698	2,541	438	2,585
<u>MILES OF CABLE</u>						
Overhead	161	101	...	...	...	3
Underground	54	118	...	...	...	...
Submarine	16	171	199	...	...	...
Miles of cable in Canada	231	390	199	...	...	3
Miles of cable outside of Canada	1	...	...	...	...	...
Total	232	390	199	...	...	3
<u>MILES OF MULTIPLE CHANNELS</u>						
<u>Carrier Current-</u>						
Telegraph	175,501	178,906	...	...	...	...
Telephone	1,851	5,121	...	...	...	...
Automatic Printing Telegraph	101,794	117,410	...	...	...	...
Morse Duplex Telegraph	16,568	64,029	...	...	...	...
Simplex Telegraph	15,503	35,385	...	...	...	3,039
Total Channels in Canada	311,217	400,851	...	...	...	3,039
Channels outside of Canada	4,307	12,412	...	...	...	...
Total Channels	315,524	413,263	...	...	...	3,039
<u>Miles of Telephone Service in Canada</u>						
Long Distance	3,441	11,077	...	...	...	8,475
Train Dispatching	13,501	12,328	...	...	...	756
Miles of telephone service outside of Canada	258	298	...	...	...	...
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian & Foreign Stns.	...	...	...	...	...	...
<u>TABLE 11. - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	22,561	17,522	8,647	920	...	574
<u>Leased from another company-</u>						
Telegraph company	986	7	...	1	...	...
Telephone company	118	163	108	5	327	...
Other companies	134	28	...	...	...	...
Pole line mileage outside of Canada	(1) 246	(2) 296	14	...	...	...

(1) Includes 1 mile leased from other companies.

(2) Includes 86 miles leased from a telegraph company.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1942

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
5,451	...	...	...	...	210,419	<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
3,095	...	...	...	...	150,374	<u>Tout fil aérien (non en câble)</u>
988	...	...	...	...	15,755	Cuivre
9,554	...	...	...	...	376,548	Fer
...	...	...	...	...	5,405	Fil en câble (en service)
9,554	...	...	...	...	381,953	Total milles de fil au Canada
						Total milles de fil en dehors du Canada
						Total, millage de fil
7	...	...	...	...	272	<u>MILLES DE CABLE</u>
25	...	...	...	...	195	Aérien
6	...	...	...	...	392	Souterrain
36	...	...	...	...	859	Sous-marin
...	...	...	...	...	1	Milles de câble au Canada
36	...	...	...	...	860	Milles de câble en dehors du Canada
						Total
...	...	...	...	...	354,407	<u>MILLES DE CANALISATIONS MULTIPLES</u>
...	...	...	...	...	6,972	<u>Courant porteur</u>
...	...	...	...	...	219,204	Télégraphe
...	...	...	...	...	80,597	Téléphone
...	...	...	...	...	53,927	Télétypographe automatique
...	...	...	...	...	715,107	Télégraphe Morse double
...	...	...	...	...	16,719	Télégraphe simple
...	...	...	...	...	731,826	Canalisations globales au Canada
						Canalisations hors du Canada
						Canalisations globales
...	...	...	...	...	22,993	<u>Milles de Service Téléphonique au Canada</u>
...	...	...	...	...	26,585	Interurbain
...	...	...	...	...	556	Expédition de trains
(5) 250	...	...	...	...	250	Milles de service téléphonique en dehors du Canada
(5) 3,771	...	(5) 7,414	(5) 870	(5) 20,750	32,805	Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères
755	...	...	...	...	50,979	<u>TABLEAU 11. - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
...	...	...	...	...	1,513	Occupées par le propriétaire
...	...	...	...	...	721	<u>Louées d'une autre compagnie-</u>
...	...	...	...	...	162	Compagnie de télégraphe
...	...	...	...	...	556	Compagnie de téléphones
						Autres compagnies
						Millage de lignes sur poteaux à l'étranger

(1) Comprend 1 mille loué d'autres compagnies.

(2) Comprend 86 milles loués d'une compagnie de télégraphe.

(3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1942

Table 12.	Prince Edward Island Ile du Pr. Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Québec	Ontario Ontario	Manitoba Manitoba	Saskatchewan Saskatchewan
Pole line mileage	285	2,784	2,097	6,919	11,265	4,214	9,226
Wire mileage	911	16,489	17,588	49,078	130,776	32,519	49,323
Number of offices	41	278	180	906	1,417	336	649
Telegrams sent	87,835	1,016,256	604,439	2,708,756	5,167,815	949,295	534,431

Table 13. - MARCONI WIRELESS MESSAGES

	Year ended December 31		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1942	1941	1942
Commercial messages sent to ships and stations	2,842	2,753	5,930
Commercial messages received from ships and stations	2,615	2,633	7,305
Messages sent to government ships	110	112	360
Messages received from government ships	66	189	584
Service messages sent to ships and stations	758	732	2,149
Service messages received from ships and stations	738	734	2,142
Government messages sent to stations	136	99	2,766
Government messages received from stations	5,723	3,741	5,960
Total	12,988	10,993	27,196

Table 14. - VALUE OF WORK CARRIED OUT, 1942

Tableau 14.- VALEUR DES TRAVAUX EXECUTES, 1942

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction Nouvelle	Modifications, Entretien et Réparations	Total	
	\$	\$	\$	
By company employees	941,025	1,237,254	2,178,279	Par les employés de la compagnie
By contractors	4,334	10,027	14,361	Par les entrepreneurs
Total	945,359	1,247,281	2,192,640	Total

(1) Includes 883 miles in Canada leased from telephone or power companies and 87 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.

(2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.

(3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence river and coast stations.

(4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

(5) Ship to Shore radio-telephone traffic included in the Ontario totals:

	1942	1941
Paid messages to ships .....	2,910	2,674
Paid messages from ships .....	16,216	12,649
Government messages to ships ..	594	6
Government messages from ships.	2	4
Service messages to ships .....	1	1



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1942

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	Tableau 12
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,387	7,103	582	14	542	...	(1) 52,418	Milles de ligne sur poteaux
41,071	38,206	587	14	5,391	...	381,953	Milles de fil
480	652	11	...	...	29	4,979	Nombre de bureaux
1,088,082	1,467,609	8,550	...	...	27,919	13,660,987	Télégrammes envoyés

Année terminée le 31 décembre			Tableau 13- <u>RADIOGRAMMES MARCONI</u>
Québec	(4) O n t a r i o		
1 9 4 1	(5) 1 9 4 2	(5) 1 9 4 1	
5,511	3,197	3,103	
7,222	17,828	15,504	
439	1,960	380	
997	277	548	
2,216	1,017	1,396	
2,294	970	1,394	
2,009	235	167	
4,147	585	666	
24,835	26,069	23,158	
			Total

- (1) Comprend 883 milles au Canada loués des compagnies de téléphone ou d'énergie et 87 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux d'Ontario:

	1942	1941
Messages payés envoyés aux vaisseaux .....	2,910	2,674
Messages payés envoyés des vaisseaux .....	16,216	12,649
Messages du gouvernement adressés aux vaisseaux .....	594	6
Messages de vaisseaux adressés au gouvernement..	2	4
Messages de service envoyés aux vaisseaux .....	1	1





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Minister of Trade and Commerce

**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**PUBLIC UTILITIES BRANCH**

**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1943**



OTTAWA  
1944

Price 10 cents



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION & PUBLIC UTILITIES BRANCH**  
**OTTAWA**

---

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

1 9 4 3

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic Ocean have been included with cablegrams.

Adjustments in the Canadian Pacific Railway Company's investments in commercial telegraph of \$2,877,460 accounted for the major portion of the apparent increase in total cost of property from \$49,192,861 in 1942 to \$52,553,160 in 1943. Gross revenues increased from \$14,826,431 in 1942 to \$16,990,580, operating expenses increased from \$11,925,417 to \$12,952,836, and net revenues increased from \$2,901,014 to \$4,037,744 or by 39 p.c.

Pole line mileage showed little change at 52,414, but wire mileage increased from 381,955 to 384,350. The number of employees also rose from 7,544 in 1942 to 8,330 and the pay roll increased from \$11,424,268 to \$12,598,479. The employees exclude those on a commission basis and the commissions also are excluded from the wages; these amounted to \$478,864, of which \$219,315 was earned by railway employees.

Telegrams sent increased from 13,660,987 to 14,766,198 while the number received from the United States for delivery in Canada dropped from 1,761,144 to 1,703,366. Cablegrams, exclusive of wireless messages to vessels at sea, increased from 2,831,549 to 3,047,403.

Money transferred by telegraph increased by 41 p.c., amounting to \$7,677,090 as against \$5,459,880 in 1942.



**BUREAU FEDERAL DE LA STATISTIQUE**  
**BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES**

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Statisticien du Dominion: S.A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.  
Chef de la Branche des Transports et Utilités Publiques: G.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 4 3

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Pacifique Canadien, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court réseau en Ontario; elles se rapportent également aux opérations canadiennes du réseau sans fil de la Canadian Marconi et des diverses compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

Les ajustements des capitaux immobilisés par la Compagnie de Chemin de Fer Pacifique Canadien dans les télégraphes commerciaux s'élèvent à \$2,877,480, expliquant la majeure partie de l'augmentation apparente du coût total de la propriété de \$49,192,861 en 1942 à \$52,553,160 en 1943. Les recettes brutes augmentent de \$14,826,431 en 1942 à \$16,990,580 en 1943; les dépenses d'exploitation augmentent de \$11,925,417 à \$12,952,836, tandis que les recettes nettes augmentent de \$2,901,014 à \$4,037,744 ou de 39 p.c.

Le nombre de milles de lignes sur poteaux offre peu de changement à 52,414, mais le nombre de milles de fil augmente de 381,953 à 384,350. Le nombre d'employés passe de 7,544 en 1942 à 8,330 en 1943, tandis que le bordereau de paye augmente de \$11,424,268 à \$12,598,479. Les employés ne comprennent pas les personnes à commission et les commissions ne comptent pas parmi les salaires; elles se chiffrent à \$478,864, dont \$219,315 reviennent à des employés de chemin de fer.

Les télégrammes envoyés augmentent de 13,660,987 à 14,766,198, tandis que les télégrammes reçus des Etats-Unis pour livraison au Canada diminuent de 1,761,144 à 1,703,366. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, augmentent de 2,831,549 à 3,047,403.

Les transferts télégraphiques d'argent augmentent de 41 p.c. et se chiffrent à \$7,677,080 contre \$5,439,880 en 1942.

Table 1.

Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,302	1,176,587	936,253
1940	47,476,177	10,922,674	9,625,036	1,297,639	1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,553,160	16,990,580	12,952,836	4,037,744	4,735,963
Year Année		Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et gages
					\$
1934		52,406	366,706	5,624	6,431,647
1935		53,034	365,518	5,903	7,030,830
1936		52,907	363,180	6,034	7,330,193
1937		53,001	369,411	6,401	8,075,838
1938		52,408	373,283	6,347	8,205,518
1939		52,464	374,550	6,339	8,232,773
1940		52,396	380,318	6,588	8,700,861
1941		52,246	379,794	7,272	10,042,496
1942		52,418	381,953	7,544	11,424,268
1943		52,414	384,350	8,330	12,598,479
Year Année		Telegrams - Télégrammes		Cablegrams (5) Câblogrammes (5)	Money Transfers Transferts d'argent
		Sent (2) Envoyés	Received from the United States Reçus des Etats-Unis		\$
1934		8,991,843	1,553,798	1,691,477	3,950,854
1935		9,565,719	1,573,116	1,297,454	3,834,458
1936		11,001,936	1,733,250	1,391,903	4,296,738
1937		11,644,209	1,812,121	1,488,767	4,550,731
1938		11,220,047	1,594,187	1,404,244	4,105,690
1939		10,783,271	1,679,641	1,492,369	3,539,988
1940		11,230,587	1,471,495	1,657,148	3,118,166
1941		12,689,124	1,592,446	2,251,979	3,868,040
1942		13,660,987	1,761,144	2,831,549	5,439,880
1943		14,766,198	1,703,366	3,047,403	7,677,080

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(4) A l'exclusion des opérateurs à commission.

(5) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(6) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.



TELEGRAPH AND CABLE STATISTICS, 1943.

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	21,793,259	23,268,716	2,520,000	391,888	17,815	507,852
<u>REVENUES</u>						
Commercial telegraph tolls	4,892,229	3,309,852	317,395	82,340	40,725	48,866
Telegraph tolls on cable messages	342,803	1,069,790	...	155	...	563
Press telegraph tolls	69,279	104,599	...	122	...	212
Money transfer tolls	156,787	67,448	...	30	1,661	485
Stock and commercial news revenue	8,459	2,450	...	...	...	1,181
Weather reports	46,053	13,034	...	...	...	...
Ticker rentals	106,753	49,344	...	...	...	...
Other telegraph transmission revenue	3,177	...	...	...	...	481
Telephone debits	Dr. 16,906	Dr. 7,956	...	...	...	...
Commercial cable tolls	...	...	...	...	...	...
Press cable tolls	...	...	...	...	...	...
Other cable transmission revenue	...	...	...	...	...	...
Rents from leased lines and wires	1,159,855	1,654,234	...	...	331,707	27,560
Rents from other operated property	249,202	210,404	...	...	...	...
Money transfer premiums	51,344	23,285	...	43	...	...
Other non-transmission revenue	20,344	23,649	6,559	...	28	...
Total	7,089,379	6,520,133	323,954	82,690	374,121	79,548
<u>TABLE 3.- EXPENSES</u>						
Maintenance of line and equipment	998,104	1,590,344	200,344	...	490	15,032
Supervision of operations	340,365	271,830	18,060	1,839	...	722
Operators	1,583,821	974,742	276,250	16,353	25,117	14,820
Commissions	258,869	174,964	14,908	6,472	1,418	4,363
Other operating expenses	1,853,100	1,481,856	44,304	8,811	337,162	16,976
Salaries of gen'l officers & gen'l office clerks	110,279	77,069	24,007	...	5,050	5,409
General office expenses	26,332	18,541	...	...	735	85
General law expenses	3,222	...	...	...	...	...
Insurance	...	16,102	...	...	58	150
Other general expenses	60,069	12,637	26,092	...	2,122	...
Total	5,234,461	4,618,085	603,965	33,475	372,152	57,557
<u>TABLE 4.- INCOME</u>						
Net operating revenue	1,854,918	1,902,048	Dr. 280,011	49,215	1,969	21,791
Lease of plant and rents	20,000	...	...	...	...	...
Other income	120,060	...	...	...	5,486	...
Gross income	1,994,978	1,902,048	Dr. 280,011	49,215	7,455	21,791
Taxes	105,036	72,101	...	148	3,300	...
Rents payable	227,500	...	...	1,792	...	...
Interest on funded debt	...	...	...	...	...	...
Other deductions	3,066	...	...	...	...	...
Total deductions	335,602	72,101	...	1,940	3,300	...
Net income	1,659,376	1,829,947	Dr. 280,011	47,275	4,155	21,791

(1) Data for Halifax and Bermudas Cable Company are for year 1942.

(2) \$86,424 is a credit for maintenance expenses on through traffic.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1943.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	(1) Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 2.
\$	\$	\$	\$	\$	\$	
2,155,042	1,151,998	627,774	18,816	300,000	54,589,40	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
(2) 86,424	...	...	...	...	8,777,881	RECETTES
...	...	...	...	...	1,415,811	Droits sur télégrammes commerciaux
...	...	...	...	...	174,212	Droits des compagnies de télégraphe sur câblogrammes
...	...	...	...	...	226,411	Droits sur télégrammes officiels
...	...	...	...	...	12,090	Droits sur transferts d'argent
...	...	...	...	...	59,087	Messages financiers et commerciaux
...	...	...	...	...	156,097	Rapports météorologiques
...	...	...	...	...	3,658	Loyer de télégraphe imprimeur
...	...	...	...	...	Dr. 24,862	Autres expéditions de câblogrammes
128,758	1,181,789	458,930	53,172	211,768	2,014,417	Debits téléphoniques
...	...	...	...	49,214	49,214	Droits sur câblogrammes commerciaux
...	...	...	...	283,301	283,301	Droits sur câblogrammes de la presse
...	...	...	...	...	3,173,356	Autres expéditions de câblogrammes
...	...	70,873	...	...	530,479	Loyer de lignes et de fils
...	...	...	...	...	74,672	Loyer sur autre propriété exploitée
16,726	...	...	...	...	67,306	Primes sur transferts d'argent
231,908	1,181,789	509,803	53,172	544,283	16,990,580	Autres revenus divers
						Total
						TABLEAU 3. - DEPENSES
12,815	294,132	49,867	169	219,100	3,380,397	Entretien des lignes et de l'outillage
9,025	...	...	...	...	642,141	Surveillance de l'exploitation
48,546	375,915	22,692	7,754	313,483	3,659,493	Opérateurs
37	...	...	...	...	461,031	Commissions
13,016	...	36,564	10,070	71,424	3,873,283	Autres dépenses d'exploitation
19,002	100,890	...	6,327	171,756	519,789	Salaires des officiers et des commis du siège social
...	...	...	...	...	45,693	Dépenses générales du siège social
11,099	...	...	...	...	14,321	Frais juridiques généraux
...	...	...	...	...	16,310	Assurance
92,347	113,500	19,238	2,157	12,216	340,378	Autres dépenses générales
205,887	884,437	128,361	26,477	787,979	12,952,836	Total
						TABLEAU 4. - REVENU
26,021	297,352	381,442	26,695	Dr. 243,696	4,037,744	Recettes nettes d'exploitation
...	2,462	...	...	...	22,462	Location d'établissement et loyers
...	13,514,223	...	...	...	13,639,769	Autre revenu
26,021	13,814,037	381,442	26,695	Dr. 243,696	17,099,975	Revenu brut
1,103	27,339	5,650	15,396	...	230,073	Taxes
3,815	...	...	...	...	233,107	Loyers à percevoir
...	...	...	...	...	...	Intérêt sur la dette fondée
...	12,497,766	...	...	...	12,500,832	Autres déductions
4,918	12,525,105	5,650	15,396	...	12,964,012	Déductions totales
21,103	1,288,932	375,792	11,299	Dr. 243,696	4,735,963	Revenu net

(1) Les données pour la Halifax and Bermudas Cable Company sont pour l'année 1942.

(2) \$86,424 est un crédit pour les dépenses d'entretien sur les messages relayés.



## TELEGRAPH AND CABLE STATISTICS, 1943.

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Tamiskaming & Northern Ontario Rly. Comm'n.
	No.	No.	No.	No.	No.	No.
<u>TABLE 5. - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	7,017,250	4,909,673	607,189	122,220	77,596	80,399
Press (Equated 30 words to message)	609,649	929,866	...	4,429	587	1,055
Money transfers	136,429	58,654	...	20	658	...
C.N.D. (Equated 30 words to message)	156,809	6,880	...	...	...	...
Total	7,920,137	5,905,073	607,189	126,669	78,841	81,454
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,116,737	337,482	...	...	70,092	3,111
Press (Equated 30 words to message)	38,436	33,242	...	...	512	...
Money transfers	36,606	5,435	...	...	2,031	...
C.N.D. (Equated 30 words to message)	59,682	...	...	...	...	...
Total	1,251,461	376,159	...	...	72,635	3,111
<u>TOTAL</u>						
Telegrams	8,133,987	5,247,155	607,189	122,220	147,688	83,510
Press (Equated 30 words to message)	648,085	963,108	...	4,429	1,099	1,055
Money transfers	173,035	64,089	...	20	2,689	...
C.N.D. (Equated 30 words to message)	216,491	6,880	...	...	...	...
Total	9,171,598	6,281,232	607,189	126,669	151,476	84,565
<u>TABLE 6. - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	354,283	605,055	...	...	...	...
Transferred to Canadian land lines	...	...	...	2,001	12,934	2,546
Transferred to foreign land lines	...	...	...	...	...	...
Transferred to wireless companies	...	92,280	...	...	68	...
Total	354,283	697,335	...	2,001	13,002	2,546
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	286,563	925,875	...	...	...	...
Transferred from Canadian land lines	...	...	...	2,370	25,476	5,358
Transferred from foreign land lines	...	...	...	...	...	...
Transferred from wireless companies	...	177,869	...	...	772	...
Total	286,563	1,103,744	...	2,370	26,248	5,358
<u>ORIGINATED IN CANADA</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressee	...	...	...	...	...	...
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (Not included above)</u>						
	20,325	...	...	...	...	...
Total All Messages handled at Canadian Stations	661,171	1,801,079	...	4,371	39,250	7,904

(1) Data for Halifax and Bermudas Cable Company are for year 1942.

(2) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.

(3) Includes 33 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TÉLÉGRAPHES ET DES CABLES, 1943.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co. <sup>(1)</sup>	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	
...	(2) 46,835	...	...	...	12,861,162	<u>TABLEAU 5. - TÉLÉGRAMMES TRANSMIS</u>
...	...	...	...	...	1,545,586	<u>ENVOYES</u>
...	...	...	...	...	195,761	Télégrammes
...	...	...	...	...	163,689	Presse (30 mots équivalent à un message)
...	46,835	...	...	...	14,766,198	Transferts d'argent
...	...	...	...	...	1,527,422	Expédition de nouvelles commerciales (30 mots équivalent à un message)
...	...	...	...	...	72,190	Total
...	...	...	...	...	44,072	<u>PROVENANT DES ÉTATS-UNIS</u>
...	...	...	...	...	59,682	Télégrammes
...	...	...	...	...	1,703,366	Presse (30 mots équivalent à un message)
...	...	...	...	...	14,388,584	Transferts d'argent
...	46,835	...	...	...	16,469,564	Expédition de nouvelles commerciales (30 mots équivalent à un message)
...	...	...	...	...	1,086,072	Total
126,734	...	...	...	...	17,481	<u>TABLEAU 6. - CABLOGRAMMES TRANSMIS</u>
...	...	...	...	...	...	<u>MESSAGES ENVOYES</u>
...	...	...	...	...	92,348	Transférés aux compagnies de câble
126,734	...	...	...	...	1,195,901	Transférés aux lignes de terre canadiennes
...	...	...	...	...	1,305,487	Transférés aux lignes continentales étrangères
93,049	...	...	...	...	33,204	Transférés aux compagnies de sans-fil
...	...	...	...	...	178,641	Total
93,049	...	...	...	...	1,517,332	<u>MESSAGES RECUS</u>
...	(3) 136,029	276,758	20,328	392,336	825,451	Transférés des compagnies de câble
...	38,551	...	20,186	...	58,737	Transférés des lignes de terre canadiennes
...	274,952	...	32,162	486,715	793,829	Transférés des lignes continentales étrangères
...	258,911	...	16,522	...	275,433	Transférés des compagnies de sans-fil
...	11,958	...	401,282	1,366,937	1,800,502	Total
219,783	720,401	276,758	490,480	2,245,986	6,467,165	<u>PROVENANT DU CANADA</u>
						Reçus par lignes de terre
						Reçus de l'expéditeur au bureau du câble
						<u>ARRIVANT AU CANADA</u>
						Transmis aux lignes de terre pour livraison
						Transmis directement au destinataire
						<u>EN PROVENANCE DE ET DESTINÉS À D'AUTRES PAYS</u>
						<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non compris ci-dessus)</u>
						Total des Messages passant par les stations canadiennes

(1) Les données pour la Halifax and Bermudas Cable Company sont pour l'année 1942.

(2) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Écosse.

(3) Comprend 35 messages commerciaux aux et des vaisseaux en Nouvelle-Écosse.

TELEGRAPH AND CABLE STATISTICS, 1943.

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
<u>TABLE 7. - MONEY TRANSFERS</u>							
<u>Money transfers to-</u>							
United States	\$	510,913	104,691	...	...	14,022	...
United Kingdom	\$	23,989	...	...	...	...	...
Other foreign countries	\$	...	...	...	...	...	...
Total	\$	534,902	104,691	...	...	14,022	...
<u>Money transfers from-</u>							
United States	\$	1,941,252	173,903	...	...	...	...
United Kingdom	\$	...	...	...	...	...	...
Other foreign countries	\$	...	...	...	...	...	...
Between Canadian stations	\$	3,157,409	1,712,778	...	5,259	32,864	...
Total	\$	5,098,661	1,886,681	...	5,259	32,864	...
<u>Money transfers to and from-</u>							
United States	\$	2,452,165	278,594	...	...	14,022	...
United Kingdom	\$	23,989	...	...	...	...	...
Other foreign countries	\$	...	...	...	...	...	...
Between Canadian stations	\$	3,157,409	1,712,778	...	5,259	32,864	...
Total	\$	5,633,563	1,991,372	...	5,259	46,886	...
<u>TABLE 8. - EMPLOYEES - SALARIES AND WAGES</u>							
Operators		1,114	750	396	11	10	13
Other officers and employees		2,775	2,306	272	11	21	45
Total		3,889	3,056	668	22	31	(3) 58
Total salaries and wages	\$	(2)5,948,813	(2)4,674,562	400,329	(2)32,463	30,167	40,563
<u>Commissions paid-</u>							
To railway employees	\$	89,772	119,502	...	6,472	...	3,569
To other persons	\$	169,097	73,332	14,908	...	1,418	794
Total	\$	258,869	192,834	14,908	6,472	1,418	4,363
<u>TABLE 9. - NUMBER OF OFFICES</u>							
Number of offices at which telegrams or cablegrams are received and forwarded in Canada							
		2,350	1,792	623	47	13	29
Offices outside of Canada							
		4	12	2	...	...	...
Total		2,354	1,804	625	47	13	29

(1) Data for Halifax and Bermudas Cable Company are for year 1942.

(2) Includes wages chargeable to railway operations.

(3) Includes 38 part-time employees.

(4) Includes 2,033 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1943.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax <sup>(1)</sup> and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
...	...	...	...	...	629,626	<u>TABLEAU 7. - TRANSFERTS D'ARGENT</u>
...	...	...	...	...	25,989	<u>Transferts d'argent-</u> aux Etats-Unis
...	...	...	...	...	...	au Royaume-Uni
...	...	...	...	...	...	à d'autres pays étrangers
...	...	...	...	...	653,615	Total
...	...	...	...	...	2,115,155	<u>Transferts d'argent-</u> des Etats-Unis
...	...	...	...	...	...	du Royaume-Uni
...	...	...	...	...	...	d'autres pays étrangers
...	...	...	...	...	4,908,310	entre stations canadiennes
...	...	...	...	...	7,023,465	Total
...	...	...	...	...	2,744,781	<u>Transferts d'argent-</u> aux et des Etats-Unis
...	...	...	...	...	25,989	au et du Royaume-Uni
...	...	...	...	...	...	à et d'autres pays étrangers
...	...	...	...	...	4,908,310	entre stations canadiennes
...	...	...	...	...	7,677,080	Total
46	183	11	2	77	2,613	<u>TABLEAU 8. - EMPLOYES - SALAIRES ET GAGES</u>
80	78	27	3	99	5,717	Opérateurs
126	261	38	5	176	(4) 8,330	Autres officiers et employés
259,524	544,850	77,635	14,713	574,860	12,598,479	Total des salaires et gages
...	...	...	...	...	219,315	<u>Commissions payées-</u> Aux employés de chemin de fer
...	...	...	...	...	259,549	à d'autres personnes
...	...	...	...	...	478,864	Total
5	15	1	1	3	4,879	<u>TABLEAU 9. - NOMBRE DE BUREAUX</u> Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés au Canada
...	11	...	...	...	29	Bureaux à l'étranger
5	26	1	1	3	4,908	Total

(1) Les données pour la Halifax and Bermudas Cable Company sont pour l'année 1942.

(2) Comprend les gages imputables sur le chemin de fer.

(3) Comprend 38 employés à temps partiel.

(4) Comprend 2,033 employés.



TELEGRAPH AND CABLE STATISTICS, 1945.

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.	
<u>TABLE 10. - WIRE MILEAGE IN CANADA</u>							
<u>All Overhead Wires (not in cable)</u>							
Copper	88,376	115,530	153	1,535	5	1,218	
Iron	72,588	59,132	11,438	2,208	433	1,552	
Wire in cable (in service)	6,675	8,497	239	8	...	13	
Total miles of wire in Canada	167,639	183,159	11,830	3,751	438	2,583	
Total miles of wire outside of Canada	1,947	3,458	14	...	...	...	
Total wire mileage	169,586	186,617	11,844	3,751	438	2,583	
<u>MILES OF CABLE</u>							
Overhead	173	110	...	...	...	3	
Underground	55	127	...	...	...	...	
Submarine	16	171	199	...	...	...	
Miles of cable in Canada	244	408	199	...	...	3	
Miles of cable outside of Canada	1	3	...	...	...	...	
Total	245	411	199	...	...	3	
<u>MILES OF MULTIPLE CHANNELS</u>							
<u>Carrier Current-</u>							
Telegraph	182,521	136,640	...	...	...	...	
Telephone	2,059	11,446	...	...	...	...	
Automatic Printing Telegraph	102,272	123,492	...	...	...	...	
Morse Duplex Telegraph	16,399	56,028	...	...	...	...	
Simplex Telegraph	15,816	21,890	...	495	...	3,039	
Total Channels in Canada	319,067	349,496	...	495	...	3,039	
Channels outside of Canada	4,307	13,217	...	...	...	...	
Total Channels	323,374	362,713	...	495	...	3,039	
<u>MILES OF TELEPHONE SERVICE IN CANADA</u>							
Long Distance	3,626	9,049	...	...	...	8,475	
Train Dispatching	13,187	12,468	...	...	...	756	
Miles of telephone service outside of Canada	258	298	...	...	...	...	
Miles of cable between Canadian stations	...	...	...	...	...	...	
Miles of cable between Canadian & Foreign stns.	...	...	...	...	...	...	
<u>TABLE 11. - POLE LINE MILEAGE IN CANADA</u>							
Owned by the respondent	22,534	17,522	8,670	920	...	574	
<u>Leased from another company-</u>							
Telegraph company	987	7	...	1	...	...	
Telephone company	119	163	108	5	327	...	
Other companies	133	28	...	...	...	...	
Pole line mileage outside of Canada	(1) 246	(2) 296	14	...	...	...	

(1) Includes 1 mile leased from other companies.

(2) Includes 86 miles leased from a telegraph company.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1913.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
5,463	...	...	...	...	212,280	<u>TOUT FIL AERIEN (non en câble)</u>
3,084	...	...	...	...	150,235	Cuivre
984	...	...	...	...	16,416	Fer
9,531	...	...	...	...	378,931	Fil en câble (en service)
...	...	...	...	...	5,419	Total milles de fil au Canada
9,531	...	...	...	...	384,350	Total milles de fil en dehors du Canada
						Total millage de fil
7	...	...	...	...	293	<u>MILLES DE CABLE</u>
23	...	...	...	...	205	Aérien
6	...	...	...	...	392	Souterrain
36	...	...	...	...	890	Sous-marin
...	...	...	...	...	4	Milles de câble au Canada
36	...	...	...	...	894	Milles de câble en dehors du Canada
						Total
...	...	...	...	...	319,161	<u>MILLES DE CANALISATIONS MULTIPLES</u>
...	...	...	...	...	13,505	Courant porteur-
...	...	...	...	...	225,764	Télégraphe
...	...	...	...	...	72,427	Téléphone
...	...	...	...	...	41,240	Télétypographe automatique
...	...	...	...	...	872,097	Télégraphe Morse double
...	...	...	...	...	17,524	Télégraphe simple
...	...	...	...	...	689,621	Canalisations globales au Canada
						Canalisations hors du Canada
						Canalisations globales
...	...	...	...	...	21,150	<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
...	...	...	...	...	26,411	Interurbain
...	...	...	...	...	556	Expédition de trains
(3) 250	...	...	...	...	(3) 250	Milles de service téléphonique en dehors du Canada
(3) 3,771	...	(3) 7,414	(3) 870	(3) 20,750	(3) 32,805	Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères
755	...	...	...	...	50,975	<u>TOUT FIL AERIEN (non en câble)</u>
319	...	...	...	...	1,314	Cuivre
...	...	...	...	...	722	Fer
...	...	...	...	...	161	Fil en câble (en service)
...	...	...	...	...	556	Total milles de fil au Canada
						Total milles de fil en dehors du Canada
						Total millage de fil
						<u>MILLES DE CABLE</u>
						Aérien
						Souterrain
						Sous-marin
						Milles de câble au Canada
						Milles de câble en dehors du Canada
						Total
						<u>MILLES DE CANALISATIONS MULTIPLES</u>
						Courant porteur-
						Télégraphe
						Téléphone
						Télétypographe automatique
						Télégraphe Morse double
						Télégraphe simple
						Canalisations globales au Canada
						Canalisations hors du Canada
						Canalisations globales
						<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
						Interurbain
						Expédition de trains
						Milles de service téléphonique en dehors du Canada
						Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères
						<u>TOUT FIL AERIEN (non en câble)</u>
						Cuivre
						Fer
						Fil en câble (en service)
						Total milles de fil au Canada
						Total milles de fil en dehors du Canada
						Total millage de fil
						<u>MILLES DE CABLE</u>
						Aérien
						Souterrain
						Sous-marin
						Milles de câble au Canada
						Milles de câble en dehors du Canada
						Total
						<u>MILLES DE CANALISATIONS MULTIPLES</u>
						Courant porteur-
						Télégraphe
						Téléphone
						Télétypographe automatique
						Télégraphe Morse double
						Télégraphe simple
						Canalisations globales au Canada
						Canalisations hors du Canada
						Canalisations globales
						<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
						Interurbain
						Expédition de trains
						Milles de service téléphonique en dehors du Canada
						Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères

(1) Comprend 1 mille loué d'autres compagnies.

(2) Comprend 86 milles loués d'une compagnie de télégraphe.

(3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1943.

TABLE 12.	Prince Edward Island Ile du Pr. Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Québec	Ontario Ontario	Manitoba Manitoba	Saskatchewan Saskatchewan
Pole Line mileage	285	2,783	2,184	7,015	11,233	4,214	9,227
Wire mileage	911	17,406	17,586	48,942	130,683	31,735	50,002
Number of offices	39	273	162	926	1,427	332	644
Telegrams sent	97,788	1,129,078	640,445	2,948,639	5,189,893	1,067,375	605,817

TABLE 13. - MARCONI WIRELESS MESSAGES	Year ended December 31 -		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1 9 4 3	1 9 4 2	1 9 4 3
Commercial messages sent to ships and stations	3,235	2,842	8,083
Commercial messages received from ships and stations	3,091	2,615	9,171
Messages sent to government ships	115	110	512
Messages received from government ships	62	66	637
Service messages sent to ships and stations	688	758	2,595
Service messages received from ships and stations	689	738	2,276
Government messages sent to stations	152	136	3,516
Government messages received from stations	6,714	5,723	7,502
Total	14,746	12,988	34,292

TABLE 14. - VALUE OF WORK CARRIED OUT, 1943.	TABLEAU 14. - VALEUR DES TRAVAUX EXECUTES, 1943.			
	New Construction Construction Nouvelle	Alteration and Maintenance Repair Work Modifications, Entretien et Réparations	Total	
	\$	\$	\$	
By company employees	955,188	1,130,994	2,086,182	Par les employés de la compagnie
By contractors	16,809	26,997	43,806	Par les entrepreneurs
Total	971,997	1,157,991	2,129,988	Total

- (1) Includes 883 miles in Canada leased from telephone or power companies and 87 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore radio-telephone traffic included in the Ontario totals:

	1 9 4 3	1 9 4 2
Paid messages to ships .....	3,883	2,910
Paid messages from ships .....	17,438	16,216
Government messages to ships ..	693	594
Government messages from ships ..	3	2
Service messages to ships .....	2	1



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1943.

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	TABLEAU 12.
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,339	8,996	582	14	542	...	(1) 52,414	Milles de ligne sur poteaux
42,534	38,445	587	14	5,405	...	384,350	Milles de fil
493	572	11	...	...	29	4,908	Nombre de bureaux
1,394,927	1,656,565	10,450	...	...	25,221	14,766,198	Télégrammes envoyés

- Année terminée le 31 décembre			TABLEAU 13. - RADIOGRAMMES MARCONI
Québec	(4) O n t a r i o		
1 9 4 2	(5) 1 9 4 3	(5) 1 9 4 2	
5,930	4,239	3,197	
7,305	19,049	17,828	Messages commerciaux aux vaisseaux et aux stations
360	2,147	1,960	Messages commerciaux des vaisseaux et des stations
584	616	277	Messages aux vaisseaux du Gouvernement
			Messages des vaisseaux du Gouvernement
2,149	937	1,017	Messages de service aux vaisseaux et aux stations
2,142	951	970	Messages de service des vaisseaux et des stations
2,766	179	235	Messages du Gouvernement aux stations
5,960	693	585	Messages du Gouvernement des stations
27,196	28,311	26,069	Total

- (1) Comprend 883 milles au Canada loués des compagnies de téléphone ou d'énergie et 87 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux d'Ontario:

	1943	1942
Messages payés envoyés aux vaisseaux .....	5,883	2,910
Messages payés envoyés des vaisseaux .....	17,438	16,216
Messages du gouvernement adressés aux vaisseaux	693	594
Messages de vaisseaux adressés au gouvernement	3	2
Messages de service envoyés aux vaisseaux ..	2	1





56-201

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Minister of Trade and Commerce

**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1944**



**OTTAWA**  
**1945**

Price 10 cents



DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

---

Dominion Statistician, HERBERT MARSHALL, B.A., F.S.S.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

20-1420

1 9 4 4.

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic Ocean have been included with cablegrams.

Revisions in 1943 in the summary tables were due to data being received after the 1943 report was issued.

Gross revenues increased from \$16,955,288 in 1943 to \$16,986,491, the increase being continuous since 1935. Operating expenses increased more than revenues and net revenues were reduced from \$4,013,180 to \$2,581,656. Pole line mileage showed no increase during the year but wire mileage increased from 384,350 to 387,677 miles. The number of employees declined from 8,350 to 8,050 but salaries and wages increased from \$12,598,548 to \$13,634,064. This is exclusive of commissions paid to railway employees and other persons which amounted in 1944 to \$477,870.

The number of telegrams sent from Canadian offices increased from 14,766,198 to 14,805,161, but telegrams received from the United States and handled by Canadian systems declined from 1,703,366 to 1,640,289. The decrease in cablegrams from 3,013,752 in 1943 to 2,324,863 was affected by cable interruptions, by reduced government business and by the cancellation of letter telegraph service by wireless in December, 1943.

The amount of money transferred by telegraph increased from \$7,677,080 in 1943 to \$8,242,926 which was more than double the pre-war figure.



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STATISTIQUES DES TELÉGRAPHES ET CABLES

1 9 4 4

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacifique, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; elles se rapportent également aux opérations canadiennes du réseau de la Canadian Marconi et aux diverses compagnies ayant des services de transmission par câble au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenu. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages; ceux-ci ne sont donc pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

Les revisions des tableaux statistiques du rapport de 1943 sont attribuables au fait que certaines données ont été reçues après la publication de ce rapport.

Les recettes brutes passent de \$16,955,288 en 1943 à \$16,986,491, leur augmentation étant continue depuis 1935. Les dépenses d'exploitation augmentent plus que les recettes et les recettes nettes accusent une diminution, passant de \$4,013,180 à \$2,581,656. Le millage des lignes sur poteaux ne laisse voir aucune augmentation durant l'année, mais celui des fils augmente de 384,350 à 387,677 milles. Le nombre d'employés diminue de 8,350 à 8,050, mais les salaires et gages augmentent de \$12,598,548 à \$13,634,064. Ce montant ne comprend pas les commissions payées aux employés de chemin de fer et autres personnes; elles s'élèvent à \$477,870 en 1944.

Le nombre de télégrammes envoyés des bureaux canadiens augmente de 14,766,198 à 14,805,161, mais le nombre de télégrammes reçus des Etats-Unis et livrés par les réseaux canadiens diminue de 1,703,366 à 1,640,289. La diminution du nombre de câblogrammes de 3,013,752 en 1943 à 2,324,863 s'explique par les interruptions de câble, le ralentissement des affaires du gouvernement et par l'abolition du service de lettre télégraphique transmise par sans-fil, en décembre 1943.

Les transferts télégraphiques d'argent augmentent de \$7,677,080 en 1943 à \$8,242,926; ce chiffre dépasse le double de celui d'avant-guerre.

Table 1.  
Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,992	1,176,587	936,253
1940	47,476,177	10,922,674	9,625,035	1,297,639	1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,555,160	x 16,955,280	x 12,942,108	x 4,013,180	x 4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191

  

Year Année	Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees <sup>(1)</sup> Employés <sup>(1)</sup>	Salaries and Wages Salaires et gages
				\$
1935	53,034	365,518	5,903	7,030,830
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,838
1938	52,408	373,283	6,347	8,205,518
1939	52,464	374,550	6,339	8,232,773
1940	52,396	380,318	6,588	8,700,861
1941	52,246	379,794	7,272	10,042,496
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	x 12,598,548
1944	52,414	387,077	8,050	13,634,064

  

Year Année	Telegrams - Télégrammes		Cablegrams <sup>(3)</sup> Câblogrammes <sup>(3)</sup>	Money Transfers Transferts d'argent
	(2) Sent Envoyés	Received from the United States Reçus des Etats-Unis		\$
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	1,594,187	1,404,244	4,103,690
1939	10,763,271	1,373,841	1,492,389	3,539,988
1940	11,266,587	1,471,495	1,657,148	3,118,166
1941	12,689,124	1,592,445	2,251,479	3,868,040
1942	13,660,987	1,711,144	2,631,549	5,436,880
1943	14,786,198	1,703,366	x 3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926

- (1) Excludes commission operators. x Revised.  
 (2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.  
 (3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.
- (1) A l'exclusion des opérateurs à commission. x Révisé.  
 (2) Comprend les radiogrammes commerciaux aux ou des navires sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Écosse, du Québec et de l'Ontario.  
 (3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1944

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	22,469,050	23,957,839	2,520,000	417,471	18,999	308,036
<u>REVENUES</u>						
Commercial telegraph tolls	4,497,780	3,384,468	421,627	46,011	37,024	52,664
Telegraph tolls on cable messages	318,114	921,019	-	231	-	477
Press telegraph tolls	74,012	108,694	-	434	-	449
Money transfer tolls	157,708	73,457	-	24	1,840	540
Stock and commercial news revenue	10,530	3,622	-	-	-	1,903
Weather reports	40,882	14,502	-	-	-	-
Ticker rentals	149,851	49,495	-	-	-	-
Other telegraph transmission revenue	4,780	-	-	-	-	290
Telephone debits	Dr. 16,535	Dr. 9,033	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	1,397,849	1,896,165	-	-	334,953	31,889
Rents from other operated property	295,581	225,616	-	-	-	-
Money transfer premiums	55,416	25,698	-	10	-	-
Other non-transmission revenue	12,593	21,355	7,762	-	1,272	-
Total	6,998,161	6,715,058	429,389	46,710	375,089	88,212
<u>TABLE 3.- EXPENSES</u>						
Maintenance of line and equipment	1,257,557	1,897,251	175,324	-	974	8,029
Supervision of operations	376,420	273,157	19,150	1,729	-	725
Operators	1,758,943	1,228,998	300,809	19,980	25,954	17,885
Commissions	267,326	186,684	17,607	3,759	1,732	4,952
Other operating expenses	2,116,635	1,533,019	15,999	9,256	340,411	17,020
Salaries of gen'l officers & gen'l office clerks	164,259	83,748	24,240	-	5,360	7,074
General office expenses	30,772	20,492	-	-	676	66
General law expenses	277	-	-	-	-	-
Insurance	-	8,941	-	-	68	150
Other general expenses	71,384	18,115	9,131	-	2,627	-
Total	6,043,553	5,250,405	562,260	34,724	377,802	55,899
<u>TABLE 4.- INCOME</u>						
Net operating revenue	954,608	1,464,653	Dr. 132,871	11,986	Dr. 2,713	32,311
Lease of plant and rents	20,000	-	-	-	-	-
Other income	27,293	-	-	-	5,641	-
Gross income	1,001,901	1,464,653	Dr. 132,871	11,986	2,928	32,311
Taxes	113,045	85,829	-	213	1,636	-
Rents payable	227,500	-	-	1,803	-	671
Interest on funded debt	-	-	-	-	-	-
Other deductions	1,273	-	-	-	751	-
Total deductions	341,818	85,829	-	2,016	2,387	671
Net income	660,083	1,378,824	Dr. 132,871	9,970	541	31,640

(1) \$93,729 is a credit for maintenance expenses on through traffic.

(2) Includes \$36,818 income and excess profits tax for year 1943.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1944.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLERAU 2.
\$	\$	\$	\$	\$	\$	
2,031,845	985,679	646,113	18,816	300,000	55,673,848	COUR DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
(1) 93,729	-	-	-	-	8,533,303	<u>RECETTES</u>
-	-	-	-	-	1,239,841	Droits sur télégrammes commerciaux
-	-	-	-	-	183,589	Droits des compagnies de télégraphe sur câblogrammes
-	-	-	-	-	233,569	Droits sur télégrammes officiels
-	-	-	-	-	16,055	Droits sur transferts d'argent
-	-	-	-	-	55,384	Messages financiers et commerciaux
-	-	-	-	-	199,346	Rapports météorologiques
-	-	-	-	-	5,070	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 25,568	Autres expéditions de câblogrammes
88,150	1,162,700	365,622	22,620	194,734	1,833,826	Debits téléphoniques
-	-	-	-	39,009	39,009	Droits sur câblogrammes commerciaux
-	-	-	-	269,146	269,146	Droits sur câblogrammes de la presse
-	-	80,572	-	-	3,741,428	Autres expéditions de câblogrammes
-	-	-	-	-	520,997	Loyer de lignes et de fils
-	-	-	-	-	81,124	Loyer sur autre propriété exploitée
18,184	-	Dr. 594	-	-	60,372	Primes sur transferts d'argent
200,065	1,162,700	445,600	22,620	502,889	16,986,491	Autres revenus divers
						Total
						<u>TABLERAU 3. - DEPENSES</u>
12,722	334,016	64,320	859	216,616	3,967,668	Entretien des lignes et de l'outillage
10,392	-	-	-	-	681,571	Surveillance de l'exploitation
48,014	362,906	20,540	5,929	328,657	4,118,615	Opérateurs
30	-	-	-	-	482,090	Commissions
9,419	-	40,467	7,706	66,772	4,156,704	Autres dépenses d'exploitation
17,170	99,617	-	4,386	150,830	556,664	Salaires des officiers et des commis du siège social
-	-	-	-	-	52,006	Dépenses générales du siège social
10,615	-	-	-	-	10,892	Frais juridiques généraux
-	-	-	-	-	9,159	Assurance
99,747	128,386	21,078	1,249	17,749	369,466	Autres dépenses générales
208,109	924,925	146,405	20,129	780,624	14,404,835	Total
						<u>TABLERAU 4. - REVENU</u>
Dr. 9,046	237,775	299,195	2,491	Dr. 277,735	2,581,656	Recettes nettes d'exploitation
-	1,411	-	-	-	21,411	Location d'établissement et loyers
-	19,825,566	-	-	-	19,858,500	Autre revenu
Dr. 8,046	20,064,752	299,195	2,491	Dr. 277,735	22,461,567	Revenu brut
1,103	27,552	(2) 82,288	302	-	311,968	Taxes
3,920	-	-	-	-	233,901	Loyers à percevoir
-	-	-	-	-	-	Intérêt sur la dette fondée
-	18,466,483	-	-	-	18,468,507	Autres déductions
5,013	18,494,055	82,288	302	-	19,014,376	Déductions totales
Dr. 13,069	1,570,717	216,907	2,189	Dr. 277,735	3,447,191	Revenu net

(1) \$93,729 est un crédit pour les dépenses d'entretien sur les messages relayés.

(2) Comprend \$36,818 d'impôt sur le revenu et les excédents de bénéfices pour l'année 1943.



TELEGRAPH AND CABLE STATISTICS, 1944.

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
	No.	No.	No.	No.	No.	No.
<u>TABLE 5. - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	6,863,636	4,989,357	654,164	95,104	77,014	85,756
Press (Equated 30 words to message)	642,353	987,310	-	5,915	5,061	1,014
Money transfers	138,540	64,959	-	34	880	-
C.N.D. (Equated 30 words to message)	137,215	6,309	-	-	-	-
Total	7,781,744	6,047,935	654,164	101,053	82,955	86,770
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,070,310	392,174	-	-	74,639	3,316
Press (Equated 30 words to message)	34,679	21,212	-	-	1,513	-
Money transfers	30,516	5,154	-	-	1,952	-
C.N.D. (Equated 30 words to message)	4,692	132	-	-	-	-
Total	1,140,197	418,672	-	-	78,104	3,316
<u>TOTAL</u>						
Telegrams	7,933,946	5,381,531	654,164	95,104	151,653	89,072
Press (Equated 30 words to message)	677,032	1,008,522	-	5,915	6,574	1,014
Money transfers	169,056	70,113	-	34	2,832	-
C.N.D. (Equated 30 words to message)	141,907	6,441	-	-	-	-
Total	8,921,941	6,466,607	654,164	101,053	161,059	90,086
<u>TABLE 6. - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	257,097	487,139	-	-	-	-
Transferred to Canadian land lines	-	-	-	565	8,764	2,058
Transferred to foreign land lines	-	-	-	-	-	-
Transferred to wireless companies	-	113,483	-	-	30	-
Total	257,097	600,622	-	565	8,794	2,058
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	243,777	719,265	-	-	-	-
Transferred from Canadian land lines	-	-	-	1,319	16,292	4,383
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	165,574	-	-	973	-
Total	243,777	884,837	-	1,319	17,265	4,383
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (Not included above)</u>						
	2,480	-	-	-	-	-
Total all Messages handled at Canadian Stations	503,354	1,485,459	-	1,884	26,059	6,441

(1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.

(2) Includes 21 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1944.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	
-	(1) 50,540	-	-	-	12,815,571	<u>TABLEAU 5. - TELEGRAMMES TRANSMIS</u>
-	-	-	-	-	1,641,653	<u>ENVOIES</u>
-	-	-	-	-	204,413	Télégrammes
-	-	-	-	-	143,524	Presse (30 mots équivalent à un message)
-	50,540	-	-	-	14,605,161	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	-	-	-	-	1,540,439	<u>RECUS DES ETATS-UNIS</u>
-	-	-	-	-	57,404	Télégrammes
-	-	-	-	-	37,622	Presse (30 mots équivalent à un message)
-	-	-	-	-	4,824	Transferts d'argent
-	-	-	-	-	1,640,289	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	(1) 50,540	-	-	-	14,356,010	<u>TOTAL</u>
-	-	-	-	-	1,699,057	Télégrammes
-	-	-	-	-	242,035	Presse (30 mots équivalent à un message)
-	-	-	-	-	148,348	Transferts d'argent
-	50,540	-	-	-	16,445,450	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
113,306	-	-	-	-	857,542	<u>TABLEAU 6. - CARBOGRAMMES TRANSMIS</u>
-	-	-	-	-	11,387	<u>MESSAGES ENVOIES</u>
-	-	-	-	-	-	Transférés aux compagnies de câble
-	-	-	-	-	113,513	Transférés aux lignes de terre canadiennes
113,306	-	-	-	-	982,442	Transférés aux lignes continentales étrangères
-	-	-	-	-	-	Transférés aux compagnies de sans-fil
-	-	-	-	-	-	Total
73,622	-	-	-	-	1,036,662	<u>MESSAGES RECUS</u>
-	-	-	-	-	21,994	Transférés des compagnies de câble
-	-	-	-	-	-	Transférés des lignes de terre canadiennes
-	-	-	-	-	166,547	Transférés des lignes continentales étrangères
73,622	-	-	-	-	1,225,203	Transférés des compagnies de sans-fil
-	-	-	-	-	-	Total
-	125,667	218,171	15,863	293,222	652,923	<u>PROVENANT DU CANADA</u>
-	41,225	-	1,505	-	42,730	Reçus par lignes de terre
-	-	-	-	-	-	Reçus de l'expéditeur au bureau du câble
-	208,117	-	14,132	415,325	657,574	<u>ARRIVANT AU CANADA</u>
-	72,558	-	1,930	-	74,488	Transmis aux lignes de terre pour livraison
-	-	-	-	-	-	Transmis directement au destinataire
-	4,534	-	105,073	1,355,540	1,467,627	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u>
-	-	-	-	-	-	<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non compris ci-dessus)</u>
186,928	(2) 452,101	218,171	138,503	2,064,087	5,082,987	Total des messages passant par les stations canadiennes

(1) Messages commerciaux aux et des vaisseaux et stations dans la Nouvelle-Ecosse, et reçus des stations dans la Nouvelle-Ecosse.

(2) Comprend 21 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1944.

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
<b>TABLE 7. - MONEY TRANSFERS</b>							
<u>Money transfers to-</u>							
United States	\$	417,346	87,734	-	-	18,242	-
United Kingdom	\$	14,771	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	432,117	87,734	-	-	18,242	-
<u>Money transfers from-</u>							
United States	\$	1,730,999	213,426	-	-	-	-
United Kingdom	\$	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	3,671,893	2,049,492	-	878	38,145	-
Total	\$	5,402,892	2,262,918	-	878	38,145	-
<u>Money transfers to and from-</u>							
United States	\$	2,148,345	301,160	-	-	18,242	-
United Kingdom	\$	14,771	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	3,671,893	2,049,492	-	878	38,145	-
Total	\$	5,835,009	2,350,652	-	878	56,387	-
<b>TABLE 8. - EMPLOYEES - SALARIES AND WAGES</b>							
Operators		1,066	790	392	10	8	13
Other officers and employees		2,413	2,425	251	15	23	29
Total		3,479	3,215	643	25	31	2/ 42
Total salaries and wages	\$	4/ 1/6,148,582	1/5,491,450	392,641	1/42,970	31,313	42,187
<u>Commissions paid-</u>							
To railway employees	\$	94,012	97,324	-	3,692	-	3,791
To other persons	\$	173,314	85,170	17,607	67	1,732	1,161
Total	\$	267,326	182,494	17,607	3,759	1,732	4,952
<b>TABLE 9.- NUMBER OF OFFICES</b>							
<u>Number of offices at which telegrams or cablegrams are received and forwarded in Canada</u>							
		2,292	1,792	609	47	13	30
Offices outside of Canada		4	9	2	-	-	-
Total		2,296	1,801	611	47	13	30

(1) Includes wages chargeable to railway operations.

(2) Includes 22 part-time employees.

(3) Includes 2,324 female employees.

(4) Includes 121,683 back-time wage award 1943.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1944.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
-	-	-	-	-	523,322	<u>TABLEAU 7. - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	14,771	<u>Transferts d'argent-</u>
-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	538,093	au Royaume-Uni
						à d'autres pays étrangers
						Total
-	-	-	-	-	1,944,425	<u>Transferts d'argent-</u>
-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	5,760,408	d'autres pays étrangers
-	-	-	-	-	7,704,833	entre stations canadiennes
						Total
-	-	-	-	-	2,467,747	<u>Transferts d'argent-</u>
-	-	-	-	-	14,771	aux et des Etats-Unis
-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	5,760,408	à et d'autres pays étrangers
-	-	-	-	-	8,242,926	entre stations canadiennes
						Total
47	171	10	2	90	2,599	<u>TABLEAU 8. - EMPLOYES - SALAIRES ET GAGES</u>
74	100	28	3	90	5,451	Opérateurs
121	271	38	5	180	(3) 8,050	Autres officiers et employés
						Total
267,012	552,154	84,800	15,555	565,400	13,634,064	Total des salaires et gages
-	-	-	-	-	198,819	<u>Commissions payées-</u>
-	-	-	-	-	279,051	Aux employés de chemin de fer
-	-	-	-	-	477,870	A d'autres personnes
						Total
						<u>TABLEAU 9. - NOMBRE DE BUREAUX</u>
5	15	1	1	3	4,808	Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés
-	11	-	-	-	26	au Canada
5	26	1	1	3	4,834	Bureaux à l'étranger
						Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 22 employés à temps partiel.

(3) Comprend 2,324 employés.

(4) Comprend \$121,683 en gages rétroactifs accordés pour 1943.



TELEGRAPH AND CABLE STATISTICS, 1944.

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
<u>TABLE 10. - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cable)						
Copper	89,493	117,252	153	1,839	5	1,218
Iron	72,285	59,194	11,438	2,208	433	1,552
Wire in cable (in service)	6,955	8,615	249	8	-	13
Total miles of wire in Canada	168,733	185,061	11,840	4,055	438	2,583
Total miles of wire outside of Canada	1,942	3,479	14	-	-	-
Total wire mileage	170,675	188,540	11,854	4,055	438	2,583
<u>MILES OF CABLE</u>						
Overhead	185	110	-	-	-	3
Underground	55	132	-	-	-	-
Submarine	16	166	209	-	-	-
Miles of cable in Canada	256	408	209	-	-	3
Miles of cable outside of Canada	1	3	-	-	-	-
Total	257	411	209	-	-	3
<u>MILES OF MULTIPLE CHANNELS</u>						
<u>Carrier Current-</u>						
Telegraph	190,102	153,206	-	-	-	-
Telephone	2,007	15,009	-	-	-	-
Automatic Printing Telegraph	106,575	158,562	-	-	-	-
Morse Duplex Telegraph	12,393	49,736	-	-	-	-
Simplex Telegraph	20,397	25,287	-	800	-	3,039
Total Channels in Canada	331,474	399,800	-	800	-	3,039
Channels outside of Canada	4,158	14,446	-	-	-	-
Total Channels	335,632	414,246	-	800	-	3,039
<u>MILES OF TELEPHONE SERVICE IN CANADA</u>						
Long Distance	4,145	9,898	-	305	-	8,475
Train Dispatching	13,178	10,762	-	1,131	-	756
Miles of telephone service outside of Canada	214	298	-	-	-	-
Miles of cable between Canadian stations	-	-	-	-	-	-
Miles of cable between Canadian & Foreign stations	-	-	-	-	-	-
<u>TABLE 11. - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	22,530	17,524	8,670	920	-	574
<u>Leased from another company-</u>						
Telegraph company	987	7	-	1	-	-
Telephone company	119	163	108	5	327	-
Other companies	136	28	-	-	-	-
Pole line mileage outside of Canada	(1) 246	(2) 295	14	-	-	-

(1) Includes 1 mile leased from other companies.

(2) Includes 85 miles leased from a telegraph company.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1944.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
5,467	-	-	-	-	215,427	<u>TABLEAU 10. - MILLAGE DE FIL AU CANADA</u>
3,081	-	-	-	-	149,991	Tout fil aérien (non en câble)
984	-	-	-	-	16,824	Cuivre
9,532	-	-	-	-	382,242	Fer
-	-	-	-	-	5,435	Fil en câble (en service)
9,532	-	-	-	-	387,677	Total milles de fil au Canada
						Total milles de fil en dehors du Canada
						Total millage de fil
7	-	-	-	-	305	<u>MILLES DE CABLE</u>
23	-	-	-	-	210	Aérien
6	-	-	-	-	397	Souterrain
36	-	-	-	-	912	Sous-marin
-	-	-	-	-	4	Milles de câble au Canada
36	-	-	-	-	916	Milles de câble en dehors du Canada
						Total
-	-	-	-	-	343,308	<u>MILLES DE CANALISATIONS MULTIPLES</u>
-	-	-	-	-	17,016	Courant porteur-
-	-	-	-	-	265,137	Télégraphe
-	-	-	-	-	62,139	Téléphone
-	-	-	-	-	47,523	Télétypographe automatique
-	-	-	-	-	735,113	Télégraphe Morse double
-	-	-	-	-	18,604	Télégraphe simple
-	-	-	-	-	753,717	Canalisations globales au Canada
						Canalisations hors du Canada
						Canalisations globales
-	-	-	-	-	22,823	<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
-	-	-	-	-	25,827	Interurbain
-	-	-	-	-	512	Expédition de trains
(3) 250	-	-	-	-	(5) 250	Milles de service téléphonique en dehors du Canada
(3) 3,771	-	(3) 7,413	(3) 870	(3) 20,750	(3) 32,804	Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères
755	-	-	-	-	50,973	<u>TABLEAU 11. - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
319	-	-	-	-	1,314	Occupées par le propriétaire
-	-	-	-	-	722	<u>Louées d'une autre compagnie-</u>
-	-	-	-	-	164	Compagnie de télégraphe
-	-	-	-	-	555	Compagnie de téléphone
						Autres compagnies
						Millage de ligne sur poteaux à l'étranger

(1) Comprend 1 mille loué d'autres compagnies.

(2) Comprend 85 milles loués d'une compagnie de télégraphe.

(3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1944

TABLE 12	Prince Edward Island Île du Pr. Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Quebec	Ontario Ontario	Manitoba Manitoba	Saskatchewan Saskatchewan
Pole Line mileage	285	2,783	2,186	7,015	11,233	4,213	9,227
Wire mileage	954	17,428	18,239	49,071	130,805	31,695	50,225
Number of offices	41	272	158	904	1,400	334	643
Telegrams sent	111,713	1,176,318	636,822	2,904,870	5,333,738	1,074,093	641,646

TABLE 13. - MARCONI WIRELESS MESSAGES	Year ended December 31 -		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1 9 4 4	1 9 4 3	1 9 4 4
Commercial messages sent to ships and stations	3,234	3,235	7,855
Commercial messages received from ships and stations	3,004	3,091	8,955
Messages sent to government ships	62	115	491
Messages received from government ships	62	62	711
Service messages sent to ships and stations	759	688	1,911
Service messages received from ships and stations	729	689	1,869
Government messages sent to stations	122	152	4,515
Government messages received from stations	7,345	6,714	5,468
Total (5)	15,617	14,746	31,775

TABLE 14. - VALUE OF WORK CARRIED OUT, 1944.	TABLEAU 14. - VALEUR DES TRAVAUX EXECUTES, 1944.			
	New Construction Construction Nouvelle	Alteration and Maintenance Repair Work Modifications, Entretien et Réparations	Total	
	\$	\$	\$	
By company employees	1,408,111	1,489,136	2,897,247	Par les employés de la compagnie
By contractors	8,099	11,546	19,645	Par les entrepreneurs
Total	1,416,210	1,500,682	2,916,892	Total

- (1) Includes 886 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore radio-telephone traffic included in totals:

	1 9 4 4	1 9 4 3
Paid messages to ships .....	4,549	3,883
Paid messages from ships .....	20,575	17,438
Government messages to ships ..	1,318	693
Government messages from ships	1	3
Service messages to ships .....	3	2
Service messages from ships ...	1	-



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1944.

Alberta	British Columbia	Yukon	Newfound-land	United States	Outside of Canada	Total	TABLEAU 12.
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,339	6,996	582	14	541	-	(1) 52,414	Milles de ligne sur poteaux
43,180	40,058	587	14	5,421	-	387,677	Milles de fil
476	569	11	-	-	26	4,834	Nombre de bureaux
1,256,910	1,518,483	145,000	-	-	5,568	14,805,161	Télégrammes envoyés

- Année terminée le 31 décembre				TABLEAU 13. - RADIOGRAMMES MARCONI
Québec	(4) Ontario			
1 9 4 3	1 9 4 4	1 9 4 3		
8,083	4,925	4,239	Messages commerciaux aux vaisseaux et aux stations	
9,171	22,588	19,049	Messages commerciaux des vaisseaux et des stations	
512	3,597	2,147	Messages aux vaisseaux du Gouvernement	
637	658	616	Messages des vaisseaux du Gouvernement	
2,595	887	937	Messages de service aux vaisseaux et aux stations	
2,276	894	951	Messages de service des vaisseaux et des stations	
3,516	451	179	Messages du Gouvernement aux stations	
7,502	871	693	Messages du Gouvernement des stations	
34,292	34,871	28,811	(5) Total	

- (1) Comprend 886 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1 9 4 4	1 9 4 3
Messages payés envoyés aux vaisseaux .....	4,549	3,883
Messages payés envoyés des vaisseaux .....	20,575	17,438
Messages du gouvernement adressés aux vaisseaux ..	1,318	693
Messages de vaisseaux adressés au gouvernement ...	1	3
Messages de service envoyés aux vaisseaux .....	3	2
Messages de service envoyés des vaisseaux .....	1	-





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Minister of Trade and Commerce

**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1945**



**OTTAWA  
1947**

Price 10 cents



DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, HERBERT MARSHALL  
Chief, Transportation and Public Utilities Branch, G.S. Wrong

TELEGRAPH AND CABLE STATISTICS

20-1420

1 9 4 5

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic Ocean have been included with cablegrams.

Gross revenues increased from \$16,986,491 in 1944 to \$18,016,289. Operating expenses increased from \$14,404,835 to \$15,062,231, leaving net revenues of \$2,954,058 against \$2,581,656 in 1944. A reduction in the net income from other sources reduced net corporate income from \$3,447,191 to \$2,952,763. Pole line mileage increased by 34 miles to 52,447 miles and wire mileage by 3,799 miles to 391,476 miles during the year. The number of employees increased from 8,050 to 8,230 and salaries and wages from \$13,634,064 to \$13,992,806.

The number of telegrams sent reached a peak for the past ten years. From Canadian offices 5,758,247 were sent compared with 14,805,161 in 1944. Messages received from the United States and handled by Canadian systems increased from 1,640,289 to 1,908,657. There was a decline in cablegrams for the second successive year, the number declining from 2,324,863 to 2,132,173. The amount of money transferred by telegraph declined from \$8,242,926 in 1944 to \$8,006,128.



# **BUREAU FEDERAL DE LA STATISTIQUE**

## **BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES**

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Statisticien du Dominion: Herbert Marshall

Chef de la Branche des Transports et Utilités Publiques: G. S. Wrong

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### STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 4 5

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacifique, des chemins de fer Northern Alberta et Temiskaning and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; elles se rapportent également aux opérations canadiennes du réseau de la Canadian Marconi et aux diverses compagnies ayant des services de transmission par câble au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenu. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages; ceux-ci ne sont donc pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

Les recettes brutes passent de \$16,986,491 en 1944 à \$18,016,289. Les dépenses d'exploitation augmentent de \$14,404,835 à \$15,062,231, les recettes nettes étant de \$2,954,058 au regard de \$2,581,656 en 1944. Une réduction du revenu net provenant d'autres sources a réduit le revenu net corporatif de \$3,447,1 à \$2,952,763. Le millage des lignes sur poteaux augmente durant l'année de 34 milles, ou à 52,447 milles, celui des fils, de 3,799 milles ou à 391,476 milles. Le nombre d'employés augmente de 8,050 à 8,230 et les salaires et gages, de \$13,634,064 à \$13,992,806.

Le nombre de télégrammes envoyés au cours de la décennie écoulée atteint un sommet. Les bureaux canadiens en envoient 15,758,247 comparativement à 14,805,161 en 1944. Les messages reçus des Etats-Unis et transmis par les réseaux canadiens augmentent de 1,640,289 à 1,908,657. Les câblogrammes diminuent pour la deuxième année consécutive et le nombre baisse de 2,324,863 à 2,192,173. Les transferts d'argent par télégraphe diminuent de \$8,242,926 en 1944 à \$8,006,128.

Table 1.  
Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propriété et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,902	1,176,587	936,253
1940	47,476,177	10,922,674	9,625,035	1,297,639	1,430,329
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,553,160	16,955,280	12,942,108	4,013,180	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763

  

Year Année	Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees <sup>(1)</sup> Employés <sup>(1)</sup>	Salaries and Wages Salaires et gages
				\$
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,838
1938	52,408	373,283	6,347	8,205,518
1939	52,464	374,550	6,339	8,232,773
1940	52,396	380,318	6,588	8,700,861
1941	52,246	379,794	7,272	10,042,496
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	12,598,548
1944	52,414	387,677	8,050	13,634,064
1945	52,447	391,476	8,230	13,992,806

  

Year Année	Telegrams - Télégrammes			Money Transfers Transferts d'argent
	Sent <sup>(2)</sup> Envoyés <sup>(2)</sup>	Received from the United States Reçus des Etats-Unis	Cablegrams <sup>(3)</sup> Câblogrammes <sup>(3)</sup>	
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	1,594,187	1,404,244	4,103,690
1939	10,783,271	1,679,641	1,492,389	3,539,988
1940	11,260,587	1,471,495	1,657,148	3,118,166
1941	12,689,124	1,592,446	2,251,979	3,868,040
1942	13,660,987	1,761,144	2,831,549	5,439,880
1943	14,766,198	1,703,366	3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926
1945	15,758,247	1,908,657	2,192,173	8,006,128

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux ou des navires sur les grands lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés par navires ou des maîtres, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1945

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	22,817,721	24,479,698	2,520,000	420,429	20,524	311,264
<u>REVENUES</u>						
Commercial telegraph tolls	4,902,666	3,784,075	362,361	40,016	37,742	62,964
Telegraph tolls on cable messages	305,548	867,798	-	-	-	493
Press telegraph tolls	89,753	129,394	-	365	-	659
Money transfer tolls	150,173	74,558	-	39	1,587	1,105
Stock and commercial news revenue	13,599	4,651	-	-	-	496
Weather reports	34,131	16,244	-	-	-	-
Ticker rentals	228,316	63,272	-	-	-	-
Other telegraph transmission revenue	5,280	-	-	-	-	372
Telephone debits	Dr. 16,451	Dr. 10,287	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	1,431,076	2,067,895	-	-	366,659	41,499
Rents from other operated property	317,388	214,287	-	-	-	-
Money transfer premiums	58,509	26,437	-	23	-	-
Other non-transmission revenue	20,512	42,571	7,293	-	1,397	-
Total	7,540,500	7,280,895	369,654	40,443	407,385	107,588
<u>TABLE 3. - EXPENSES</u>						
Maintenance of line and equipment	1,389,630	1,965,553	175,552	-	888	14,579
Supervision of operations	375,550	327,013	19,672	1,710	-	1,123
Operators	1,713,005	1,143,987	304,480	12,442	23,067	16,410
Commissions	289,131	178,706	17,242	3,548	1,589	5,873
Other operating expenses	2,186,204	1,854,765	16,158	6,851	371,897	26,568
Salaries of gen'l officers & gen'l office clerks	167,609	93,544	24,970	-	5,243	6,828
General office expenses	25,707	19,883	-	-	769	-
General law expenses	5,736	-	-	-	-	-
Insurance	-	8,739	-	-	140	150
Other general expenses	78,634	26,342	9,270	-	2,604	-
Total	6,232,266	5,618,532	567,344	24,551	406,197	71,571
<u>TABLE 4. - INCOME</u>						
Net operating revenue	1,308,234	1,662,363	Dr. 197,690	15,892	1,188	36,057
Lease of plant and rents	20,000	-	-	-	-	-
Other income	19,963	-	-	-	5,265	-
Gross income	1,348,197	1,662,363	Dr. 197,690	15,892	6,453	36,057
Taxes	115,235	77,092	-	137	2,626	-
Rents payable	227,500	-	-	1,524	-	815
Interest on funded debt	-	-	-	-	-	-
Other deductions	1,517	-	-	-	766	-
Total deductions	344,252	77,092	-	1,661	3,392	815
Net income	1,003,945	1,585,271	Dr. 197,690	14,231	3,061	35,242

(1) \$93,880 is a credit for maintenance expenses on through traffic.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1945

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 2.
\$	\$	\$	\$	\$	\$	
2,148,098	1,278,465	751,886	18,816	300,000	55,066,899	COUR DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
(1) 93,880	-	-	-	-	9,283,704	RECETTES
-	-	-	-	-	1,173,839	Droits sur télégrammes commerciaux
-	-	-	-	-	220,171	Droits des compagnies de télégraphe sur câblogrammes
-	-	-	-	-	227,462	Droits sur télégrammes officiels
-	-	-	-	-	18,746	Droits sur transferts d'argent
-	-	-	-	-	50,375	Messages financiers et commerciaux
-	-	-	-	-	291,588	Rapports météorologiques
-	-	-	-	-	5,652	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 26,738	Autres expéditions de câblogrammes
81,829	1,150,297	280,588	48,721	239,673	1,800,908	Debits téléphoniques
-	-	-	-	34,400	34,400	Droits sur câblogrammes commerciaux
-	-	-	-	261,740	261,740	Droits sur câblogrammes de la presse
-	-	61,032	-	-	3,968,161	Autres expéditions de câblogrammes
-	-	-	-	-	531,675	Loyer de lignes et de fils
-	-	-	-	-	84,969	Loyer sur autre propriété exploitée
18,272	-	Dr. 408	-	-	89,637	Primes sur transferts d'argent
193,981	1,150,297	341,612	48,721	535,813	18,016,289	Autres revenus divers
						Total
16,758	398,009	64,045	692	202,461	4,228,167	TABLEAU 3. - DEPENSES
9,232	-	-	-	-	734,300	Entretien des lignes et de l'outillage
47,284	341,446	21,333	8,134	323,298	3,954,886	Surveillance de l'exploitation
21	-	-	-	-	496,110	Opérateurs
9,544	-	41,422	12,399	68,153	4,593,961	Commissions
18,777	99,911	-	5,914	153,768	576,564	Autres dépenses d'exploitation
-	-	-	-	-	47,359	Salaires des officiers et des commis du siège social
10,818	-	-	-	-	16,014	Dépenses générales du siège social
-	-	-	-	-	9,029	Frais juridiques généraux
99,780	150,798	17,582	1,221	19,010	405,241	Assurance
212,214	990,164	144,382	28,360	766,690	15,062,231	Autres dépenses générales
						Total
Dr. 18,233	160,133	196,630	20,361	Dr. 230,877	2,954,058	TABLEAU 4. - REVENU
-	1,510	-	-	-	21,510	Recettes nettes d'exploitation
-	9,962,401	-	-	-	9,987,629	Location d'établissement et loyers
Dr. 18,233	10,124,044	196,630	20,361	Dr. 230,877	12,963,197	Autre revenu
1,169	28,100	39,591	12,950	-	276,900	Revenu brut
3,939	-	-	-	-	233,778	Taxes
-	-	-	-	-	-	Loyers à percevoir
-	9,497,473	-	-	-	9,499,756	Intérêt sur la dette fondée
5,108	9,525,573	39,591	12,950	-	10,010,434	Autres déductions
Dr. 23,341	598,471	157,039	7,411	Dr. 230,877	2,952,763	Déductions totales
						Revenu net

(1) \$93,880 est un crédit pour les dépenses d'entretien sur les messages relayés.



TELEGRAPH AND CABLE STATISTICS, 1945.

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
	No.	No.	No.	No.	No.	No.
<u>TABLE 5. - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	7,171,927	5,518,114	600,076	83,668	73,692	94,500
Press (Equated 30 words to message)	782,344	1,040,757	-	8,521	4,998	1,123
Money transfers	132,487	65,333	-	47	912	-
C.N.D. (Equated 30 words to message)	118,294	3,307	-	-	-	-
Total	8,205,052	6,627,511	600,076	92,236	79,602	95,623
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,185,041	507,543	-	-	71,368	4,262
Press (Equated 30 words to message)	54,442	44,882	-	-	1,573	-
Money transfers	27,637	6,741	-	-	1,547	-
C.N.D. (Equated 30 words to message)	3,449	172	-	-	-	-
Total	1,270,569	559,338	-	-	74,488	4,262
<u>TOTAL</u>						
Telegrams	8,356,968	6,025,657	600,076	83,668	145,060	98,762
Press (Equated 30 words to message)	836,786	1,085,639	-	8,521	6,571	1,123
Money transfers	160,124	72,074	-	47	2,459	-
C.N.D. (Equated 30 words to message)	121,743	3,479	-	-	-	-
Total	9,475,621	7,186,849	600,076	92,236	154,090	99,885
<u>TABLE 6. - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	263,092	475,057	-	-	-	-
Transferred to Canadian land lines	-	-	-	488	5,434	2,308
Transferred to foreign land lines	-	-	-	-	-	-
Transferred to wireless companies	-	122,417	-	-	28	-
Total	263,092	597,474	-	488	5,462	2,308
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	218,546	597,265	-	-	-	-
Transferred from Canadian land lines	-	-	-	1,258	10,189	4,106
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	155,892	-	-	591	-
Total	218,546	753,157	-	1,258	10,780	4,106
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (Not included above)</u>						
	7,074	-	-	-	-	-
Total all Messages handled at Canadian Stations	488,712	1,350,631	-	1,746	16,242	6,414

- (1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.
- (2) Includes 666 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1945

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	
-	(1) 58,147	-	-	-	13,600,124	<u>TABLEAU 5. - TELEGRAMMES TRANSMIS</u>
-	-	-	-	-	1,837,743	<u>ENVOYES</u>
-	-	-	-	-	198,779	Télégrammes
-	-	-	-	-	121,601	Presse (30 mots équivalent à un message)
-	-	-	-	-	-	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	58,147	-	-	-	15,758,247	Total
-	-	-	-	-	1,768,214	<u>RECUS DES ETATS-UNIS</u>
-	-	-	-	-	100,897	Télégrammes
-	-	-	-	-	35,925	Presse (30 mots équivalent à un message)
-	-	-	-	-	3,621	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	1,908,657	Total
-	(1) 58,147	-	-	-	15,368,338	<u>TOTAL</u>
-	-	-	-	-	1,938,640	Télégrammes
-	-	-	-	-	234,704	Presse (30 mots équivalent à un message)
-	-	-	-	-	125,222	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	58,147	-	-	-	17,666,904	Total
114,792	-	-	-	-	852,941	<u>TABLEAU 6. - CABLEGRAMMES TRANSMIS</u>
-	-	-	-	-	8,230	<u>MESSAGES ENVOYES</u>
-	-	-	-	-	-	Transférés aux compagnies de câble
-	-	-	-	-	122,445	Transférés aux lignes de terre canadiennes
-	-	-	-	-	-	Transférés aux lignes continentales étrangères
-	-	-	-	-	-	Transférés aux compagnies de sans-fil
114,792	-	-	-	-	983,616	Total
69,444	-	-	-	-	885,255	<u>MESSAGES RECUS</u>
-	-	-	-	-	15,553	Transférés des compagnies de câble
-	-	-	-	-	-	Transférés des lignes de terre canadiennes
-	-	-	-	-	156,483	Transférés des lignes continentales étrangères
-	-	-	-	-	-	Transférés des compagnies de sans-fil
69,444	-	-	-	-	1,057,291	Total
-	133,264	176,451	22,477	265,920	598,112	<u>PROVENANT DU CANADA</u>
-	56,285	-	1,453	-	57,738	Reçus par lignes de terre
-	-	-	-	-	-	Reçus de l'expéditeur au bureau du câble
-	202,854	-	32,847	290,932	526,633	<u>ARRIVANT AU CANADA</u>
-	91,042	-	2,486	-	93,528	Transmis aux lignes de terre pour livraison
-	-	-	-	-	-	Transmis directement au destinataire
-	4,774	-	249,712	1,753,831	2,015,391	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u>
-	-	-	-	-	-	<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non compris ci-dessus)</u>
184,236	(2) 488,219	176,451	308,975	2,310,683	5,332,309	Total des Messages passant par les stations canadiennes

(1) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.

(2) Comprend 666 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1945

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
<u>TABLE 7. - MONEY TRANSFERS</u>						
<u>Money Transfers to -</u>						
United States	\$ 452,619	156,885	-	-	21,596	-
United Kingdom	\$ 24,938	-	-	-	-	-
Other foreign countries	\$ -	-	-	-	-	-
Total	\$ 477,557	156,885	-	-	21,596	-
<u>Money transfers from -</u>						
United States	\$ 1,198,197	217,683	-	-	-	-
United Kingdom	\$ -	-	-	-	-	-
Other foreign countries	\$ -	-	-	-	-	-
Between Canadian stations	\$ 3,857,952	2,040,466	-	2,162	33,630	-
Total	\$ 5,056,149	2,258,149	-	2,162	33,630	-
<u>Money transfers to and from -</u>						
United States	\$ 1,650,816	374,568	-	-	21,596	-
United Kingdom	\$ 24,938	-	-	-	-	-
Other foreign countries	\$ -	-	-	-	-	-
Between Canadian stations	\$ 3,857,952	2,040,466	-	2,162	33,630	-
Total	\$ 5,533,706	2,415,034	-	2,162	55,226	-
<u>TABLE 8. - EMPLOYEES - SALARIES AND WAGES</u>						
Operators	1,008	798	395	7	9	14
Other officers and employees	2,406	2,637	262	15	16	57
Total	3,414	3,435	657	22	25	(2) 71
Total salaries and wages	\$ (1) 6,201,137	(1) 5,803,701	393,526	(1) 33,937	28,310	49,139
<u>Commissions paid -</u>						
To railway employees	\$ 90,823	100,534	-	3,429	-	4,760
To other persons	\$ 198,308	78,172	17,242	119	1,589	1,113
Total	\$ 289,131	178,706	17,242	3,548	1,589	5,873
<u>TABLE 9. - NUMBER OF OFFICES</u>						
<u>Number of offices at which telegrams or cablegrams are received and forwarded in Canada</u>						
	2,266	1,786	609	49	13	30
Offices outside of Canada	4	9	2	-	-	-
Total	2,270	1,795	611	49	13	30

(1) Includes wages chargeable to railway operations.

(2) Includes 49 part-time employees.

(3) Includes 2,321 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1945.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
-	-	-	-	-	631,100	<u>TABEAU 7. - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	24,938	<u>Transferts d'argent -</u>
-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	656,038	au Royaume-Uni
-	-	-	-	-	-	à d'autres pays étrangers
-	-	-	-	-	-	Total
-	-	-	-	-	1,415,880	<u>Transferts d'argent -</u>
-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	5,934,210	d'autres pays étrangers
-	-	-	-	-	7,350,090	entre stations canadiennes
-	-	-	-	-	-	Total
-	-	-	-	-	2,046,980	<u>Transferts d'argent -</u>
-	-	-	-	-	24,938	aux et des Etats-Unis
-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	5,934,210	à et d'autres pays étrangers
-	-	-	-	-	8,006,128	entre stations canadiennes
-	-	-	-	-	-	Total
50	153	10	2	89	2,535	<u>TABEAU 8. - EMPLOYES - SALAIRES ET GAGES</u>
78	101	29	3	91	5,695	Opérateurs
128	254	39	5	180	(3) 8,230	Autres officiers et employés
284,048	537,370	88,862	16,049	556,727	13,992,806	Total
-	-	-	-	-	-	Total des salaires et gages
-	-	-	-	-	201,135	<u>Commissions payées -</u>
-	-	-	-	-	294,954	Aux employés de chemin de fer
-	-	-	-	-	496,089	A d'autres personnes
-	-	-	-	-	-	Total
5	15	1	1	3	4,778	<u>TABEAU 9. - NOMBRE DE BUREAUX</u>
-	11	-	-	-	26	Nombre de bureaux ou les câblogrammes et les télégrammes sont reçus et envoyés au Canada
5	26	1	1	3	4,804	Bureaux à l'étranger
-	-	-	-	-	-	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 49 employés à temps partiel.

(3) Comprend 2,321 employées.



TELEGRAPH AND CABLE STATISTICS, 1945.

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Comm'n.
<u>TABLE 10. - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cable)						
Copper	90,040	120,782	153	1,844	5	1,207
Iron	72,039	58,673	11,438	2,169	425	1,352
Wire in cable (in service)	6,892	9,233	249	8	-	13
Total miles of wire in Canada	168,971	188,688	11,840	4,021	430	2,572
Total miles of wire outside of Canada	1,948	3,472	14	-	-	-
Total wire mileage	170,919	192,160	11,854	4,021	430	2,572
<u>MILES OF CABLE</u>						
Overhead	200	122	-	-	-	3
Underground	58	263	-	-	-	-
Submarine	16	166	209	-	-	-
Miles of cable in Canada	274	551	209	-	-	3
Miles of cable outside of Canada	1	2	-	-	-	-
Total	275	553	209	-	-	3
<u>MILES OF MULTIPLE CHANNELS</u>						
<u>Carrier Current -</u>						
Telegraph	190,185	175,588	-	-	-	-
Telephone	2,789	17,313	-	-	-	-
Automatic Printing Telegraph	112,681	172,990	-	-	-	-
Morse Duplex Telegraph	11,102	28,733	-	-	-	-
Simplex Telegraph	22,417	34,006	-	800	-	3,142
Total Channels in Canada	339,174	428,630	-	800	-	3,142
Channels outside of Canada	791	14,716	-	-	-	-
Total Channels	339,965	443,346	-	800	-	3,142
<u>MILES OF TELEPHONE SERVICE IN CANADA</u>						
Long Distance	3,833	14,395	-	305	-	9,023
Train Dispatching	13,822	11,315	-	495	-	756
Miles of telephone service outside of Canada	213	499	-	-	-	-
Miles of cable between Canadian stations	-	-	-	-	-	-
Miles of cable between Canadian & Foreign stations	-	-	-	-	-	-
<u>TABLE 11. - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	22,516	17,557	8,670	920	-	574
<u>Leased from another company -</u>						
Telegraph company	960	7	-	1	-	-
Telephone company	120	163	108	5	327	-
Other companies	149	28	-	-	-	-
Pole line mileage outside of Canada	(1) 246	(2) 296	14	-	-	-

(1) Includes 1 mile leased from other companies.

(2) Includes 86 miles leased from telegraph and other companies.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1945.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
						<u>TABLEAU 10. - MILLAGE DE FIL AU CANADA</u>
						Tout fil aérien (non en câble)
5,468	-	-	-	-	219,499	Cuivre
5,067	-	-	-	-	149,163	Fer
985	-	-	-	-	17,380	Fil en câble (en service)
9,520	-	-	-	-	386,042	Total milles de fil au Canada
-	-	-	-	-	5,434	Total milles de fil en dehors du Canada
9,520	-	-	-	-	391,476	Total millage de fil
						<u>MILLES DE CABLE</u>
8	-	-	-	-	333	Aérien
23	-	-	-	-	344	Souterrain
5	-	-	-	-	396	Sous-marin
36	-	-	-	-	1,073	Milles de câble au Canada
-	-	-	-	-	3	Milles de câble en dehors du Canada
36	-	-	-	-	1,076	Total
						<u>MILLES DE CANALISATIONS MULTIPLES</u>
						<u>Courant porteur -</u>
-	-	-	-	-	365,773	Télégraphe
-	-	-	-	-	20,102	Téléphone
-	-	-	-	-	285,671	Télétypographe automatique
-	-	-	-	-	39,835	Télégraphe Morse double
-	-	-	-	-	60,365	Télégraphe simple
-	-	-	-	-	771,746	Canalisations globales au Canada
-	-	-	-	-	15,507	Canalisations hors du Canada
-	-	-	-	-	787,253	Canalisations globales
						<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
-	-	-	-	-	27,556	Interurbain
-	-	-	-	-	26,388	Expédition de trains
-	-	-	-	-	712	Milles de service téléphonique en dehors du Canada
(3) 250	-	-	-	-	250	Milles de câble entre stations canadiennes
(3) 3,771	-	(3) 7,421	(3) 870	(3) 20,750	32,812	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 11. - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
754	-	-	-	-	50,991	Occupées par le propriétaire
						<u>Louées d'une autre compagnie -</u>
319	-	-	-	-	1,287	Compagnie de télégraphe
-	-	-	-	-	723	Compagnie de téléphone
-	-	-	-	-	177	Autres compagnies
-	-	-	-	-	556	Millage de ligne sur poteaux à l'étranger

(1) Comprend 1 mille loué d'autres compagnies.

(2) Comprend 86 milles loués de la compagnie de télégraphe et d'autres compagnies.

(3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1945.

TABLE 12.	Prince Edward Island Île du Pr. Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Quebec	Ontario Ontario	Manitoba Manitoba	Saskatchewan Saskatchewan
Pole Line mileage	285	2,782	2,186	7,032	11,231	4,163	9,240
Wire mileage	954	17,394	18,421	49,158	134,341	31,381	50,286
Number of offices	41	256	150	912	1,399	329	636
Telegrams sent	108,686	1,427,411	681,490	3,231,921	5,637,015	1,119,113	672,243

TABLE 13. - MARCONI WIRELESS MESSAGES	Year ended December 31 -		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1 9 4 5	1 9 4 4	1 9 4 5
Commercial messages sent to ships and stations	3,744	3,254	10,080
Commercial messages received from ships and stations	3,915	3,004	12,448
Messages sent to government ships	262	62	881
Messages received from government ships	401	62	1,876
Service messages sent to ships and stations	728	759	2,398
Service messages received from ships and stations	725	729	2,283
Government messages sent to stations	55	122	3,517
Government messages received from stations	6,332	7,345	5,980
Total (5)	16,162	15,317	39,463

TABLE 14. - VALUE OF WORK CARRIED OUT, 1945.	TABLEAU 14. - VALEUR DES TRAVAUX EXECUTES, 1945.		
	New Construction Construction Nouvelle	Alteration and Maintenance Repair Work Modifications, Entretien et Réparations	Total Total
	\$	\$	\$
By company employees	1,207,073	1,548,479	2,755,552
By contractors	-	10,395	10,395
Total	1,207,073	1,558,874	2,765,947
			Par les employés de la compagnie Par les entrepreneurs Total

- (1) Includes 900 miles in Canada leased from telephone or power companies and 66 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore radio-telephone traffic included in totals:

	1 9 4 5	1 9 4 4
Paid messages to ships .....	4,685	4,549
Paid messages from ships .....	22,767	20,575
Government messages to ships .....	1,249	1,318
Government messages from ships .....	12	1
Service messages to ships .....	4	5
Service messages from ships .....	1	1

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1945

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	TABLEAU 12
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,351	7,039	582	14	542	-	(1) 52,447	Milles de ligne sur poteaux
43,396	40,124	587	14	5,420	-	391,476	Milles de fil
472	572	11	-	-	26	4,804	Nombre de bureaux
1,147,325	1,716,734	10,175	-	-	6,134	15,758,247	Télégrammes envoyés
- Année terminée le 31 décembre						TABLEAU 13. - RADIOGRAMMES MARCONI	
Québec	(4) Ontario						
1944	1945	1944					
7,855	4,939	4,925		Messages commerciaux aux vaisseaux et aux stations			
8,955	23,687	22,588		Messages commerciaux des vaisseaux et des stations			
491	3,444	3,597		Messages aux vaisseaux du Gouvernement			
711	563	658		Messages des vaisseaux du Gouvernement			
1,911	943	887		Messages de service aux vaisseaux et aux stations			
1,869	931	894		Messages de service des vaisseaux et des stations			
4,515	466	451		Messages du Gouvernement aux stations			
5,468	1,113	871		Messages du Gouvernement des stations			
51,775	36,086	34,871		(5) Total			

- (1) Comprend 900 milles au Canada loués des compagnies de téléphone ou d'énergie et 66 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1945	1944
Messages payés envoyés aux vaisseaux .....	4,685	4,549
Messages payés envoyés des vaisseaux .....	22,767	20,575
Messages du gouvernement adressés aux vaisseaux.	1,249	1,318
Messages de vaisseaux adressés au gouvernement .	12	1
Messages de service envoyés aux vaisseaux .....	4	3
Messages de service envoyés des vaisseaux .....	1	1





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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1946**



**OTTAWA**  
1947



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

---

Dominion Statistician, HERBERT MARSHALL  
Chief, Transportation and Public Utilities Branch, G.S.Wrong

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TELEGRAPH AND CABLE STATISTICS

20-1420

1 9 4 6

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Ontario Northland (formerly Temiskaming and Northern Ontario) Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic Ocean have been included with cablegrams.

Gross revenues declined from \$18,016,289 in 1945 to \$17,997,726. Operating expenses increased from \$15,062,231 to \$16,028,900, leaving net revenues of \$1,968,826 against \$2,954,058 in 1945. A reduction in the net income from other sources reduced net corporate income from \$2,952,763 to \$1,509,519. Pole line mileage increased by 67 miles to 52,501 miles and wire mileage by 9,505 miles to 400,981 miles during the year. The number of employees increased from 8,230 to 8,603 and salaries and wages from \$13,992,806 to \$15,566,309.

The number of telegrams sent reached a peak for the past ten years. From Canadian offices 16,221,953 were sent compared with 15,758,247 in 1945. Messages received from the United States and handled by Canadian systems increased from 1,908,657 to 2,219,888. There was a decline in cablegrams for the third successive year, the number declining from 2,192,173 to 1,845,539. The amount of money transferred by telegraph increased from \$8,006,128 in 1945 to \$9,247,100.



**BUREAU FEDERAL DE LA STATISTIQUE**  
**BRANCHE DES TRANSPORTS ET DES UTILITES PUBLIQUES**

Statisticien du Dominion: Herbert Marshall

Chef de la Branche des Transports et Utilités Publiques: G. S. Wrong.

STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 4 6

Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacifique, des chemins de fer Northern Alberta et Ontario Northland (déjà connu sous les noms de Temiskaming et Northern Ontario), de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; elles se rapportent également aux opérations canadiennes du réseau de la Canadian Marconi et aux diverses compagnies ayant des services de transmission par câble au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenu. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages; ceux-ci ne sont donc pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le Fleuve St-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

Les recettes brutes diminuent de \$18,016,289 en 1945 à \$17,397,726. Les dépenses d'exploitation augmentent de \$15,062,231 à \$16,028,900, les recettes nettes étant de \$1,968,826 au regard de \$2,954,058 en 1945. Une réduction du revenu net provenant d'autres sources a réduit le revenu net corporatif de \$2,052,788 à \$1,509,519. Le millage des lignes sur poteaux augmente durant l'année de 67 milles, ou à 52,701 milles, et celui des fils, de 9,505 milles ou à 400,981 milles. Le nombre d'employés augmente de 8,230 à 8,603 et les salaires et gages, de \$13,992,806 à \$15,566,309.

Le nombre de télégrammes envoyés au cours de la décennie écoulée atteint un sommet. Les bureaux canadiens en envoient 15,221,953 comparativement à 15,758,247 en 1945. Les messages reçus des Etats-Unis et transmis par les réseaux canadiens augmentent de 1,908,657 à 2,219,838. Les câblogrammes diminuent pour la troisième année consécutive et le nombre baisse de 2,192,173 à 1,845,539. Les transferts d'argent par télégraphe augmentent de \$8,006,128 en 1945 à \$9,247,100.

Table 1.  
Tableau 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year	Cost of Property and Equipment	Gross Revenues	Operating Expenses	Net Revenues	Net Corporate Income
Année	Coût de la propri- été et de l'outillage	Recettes brutes	Dépenses d'exploitation	Recettes nettes	Revenu net des compagnies
	\$	\$	\$	\$	\$
1936	43,708,710	10,576,873	8,710,848	1,866,024	1,303,156
1937	45,375,383	11,410,533	9,407,436	2,003,097	1,774,265
1938	46,565,847	10,511,207	9,309,631	1,201,576	1,075,721
1939	46,831,132	10,474,485	9,137,902	1,336,583	936,253
1940	47,476,177	10,922,674	9,625,035	1,297,639	1,430,229
1941	48,382,092	12,777,920	10,578,123	2,200,000	2,160,236
1942	49,192,861	14,826,431	12,223,417	2,603,014	3,341,133
1943	52,553,160	16,955,290	12,943,108	4,012,182	4,726,019
1944	53,673,848	16,986,491	14,404,231	2,582,260	3,447,191
1945	55,066,839	18,010,239	15,052,251	2,957,988	2,952,765
1946	63,910,009	17,927,136	16,023,170	1,903,966	1,509,519

Year		Pole line Mileage	Wire Mileage	Employees <sup>(1)</sup>	Salaries and Wages
Année		Milles de ligne sur poteaux	Milles de fil	Employés <sup>(1)</sup>	Salaires et gages
					\$
1936		32,007	344,101	6,084	7,360,193
1937		32,001	344,421	6,301	8,075,838
1938		32,003	373,208	6,747	8,205,518
1939		32,404	374,540	6,329	8,232,773
1940		32,596	382,318	7,132	8,700,861
1941		32,245	373,704	7,272	10,042,496
1942		32,418	380,055	7,542	11,424,268
1943		32,414	384,350	8,360	12,598,548
1944		32,414	387,377	8,050	13,634,064
1945		32,447	391,476	8,230	13,992,906
1946		32,501	390,081	8,003	15,566,309

Year	Telegrams - Télégrammes		Cablegrams <sup>(3)</sup>	Money Transfers
Année	Sent <sup>(2)</sup>	Received from the United States		
	Envoyés <sup>(2)</sup>	Reçus des Etats-Unis	Câblogrammes <sup>(3)</sup>	Transferts d'argent
				\$
1936	11,001,936	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	1,594,187	1,404,244	4,103,690
1939	10,783,271	1,679,641	1,492,389	3,539,988
1940	11,260,587	1,471,495	1,657,148	3,118,166
1941	12,689,124	1,592,446	2,251,979	3,868,040
1942	13,660,987	1,761,144	2,831,549	5,439,880
1943	14,766,198	1,703,366	3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926
1945	15,758,247	1,908,657	2,192,173	8,006,128
1946	16,221,953	2,219,888	2,245,534	8,247,100

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and included paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les grands lacs et le Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés et incluses radiogrammes payés aux ou des vaisseaux dans le golfe Saint-Laurent soit sur l'océan Atlantique.



TELEGRAPH AND CABLE STATISTICS, 1946

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	23,691,025	25,371,543	9,500,000	420,597	17,590	318,784
<u>REVENUES</u>						
Commercial telegraph tolls	4,798,692	3,770,972	393,355	42,107	25,732	72,984
Telegraph tolls on cable messages	242,098	766,047	-	-	-	401
Press telegraph tolls	113,116	149,489	-	867	-	1,328
Money transfer tolls	102,871	54,227	-	42	900	2,747
Stock and commercial news, revenue	14,235	20,428	-	-	-	385
Weather reports	37,008	23,070	-	-	-	-
Ticker rentals	295,276	66,093	-	-	-	-
Other telegraph transmission revenue	10,058	-	-	-	-	411
Telephone debits	Dr. 14,214	Dr. 9,167	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	1,377,562	2,287,032	-	-	444,414	51,469
Rents from other operated property	285,609	203,997	-	-	-	-
Money transfer premiums	53,080	25,327	-	25	-	-
Other non-transmission revenue	24,628	34,033	7,439	-	1,413	-
Total	7,340,019	7,391,548	400,794	43,041	472,459	129,725
<u>TABLE 3. - EXPENSES</u>						
Maintenance of line and equipment	1,475,968	1,968,217	245,783	-	864	33,307
Supervision of operations	429,051	485,993	21,462	2,001	-	1,123
Operators	1,830,217	1,540,762	316,745	12,696	20,914	18,728
Commissions	280,424	33,476	26,222	3,953	1,164	6,840
Other operating expenses	2,296,091	1,721,809	19,736	8,807	449,155	26,034
Salaries of gen'l officers & gen'l office clerks	179,258	106,054	25,615	-	5,123	8,918
General office expenses	28,333	21,347	-	-	706	556
General law expenses	1,013	-	-	-	-	-
Insurance	-	6,261	-	-	117	149
Other general expenses	88,609	40,941	11,460	-	2,456	-
Total	6,608,964	5,924,860	667,023	27,457	480,499	95,655
<u>TABLE 4. - INCOME</u>						
Net operating revenue	731,055	1,466,688	Dr. 266,229	15,584	Dr. 8,040	34,070
Lease of plant and rents	20,000	-	-	-	-	-
Other income	64,370	-	-	-	5,355	-
Gross income	815,425	1,466,688	Dr. 266,229	15,584	Dr. 2,685	34,070
Taxes	118,511	96,088	-	137	1,294	81
Rents payable	227,500	-	-	1,636	-	960
Interest on funded debt	-	-	-	-	-	-
Other deductions	2,396	-	-	-	747	-
Total deductions	348,407	96,088	-	1,773	2,041	1,041
Net income	467,018	1,370,600	Dr. 266,229	13,811	Dr. 4,726	33,029

(1) \$99,379 is a credit for maintenance expenses on through traffic.

x Includes manufacturing operations of company.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1946

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABEAU 2.
\$	\$	\$	\$	\$	\$	
1,653,729	1,350,440	757,485	18,816	300,000	63,910,009	<u>COUR DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA</u>
199,379	-	-	-	-	9,203,221	<u>RECETTES</u>
-	-	-	-	-	1,008,546	Droits sur télégrammes commerciaux
-	-	-	-	-	264,800	Droits des compagnies de télégraphe sur câblogrammes
-	-	-	-	-	160,787	Droits sur télégrammes officiels
-	-	-	-	-	35,048	Droits sur transferts d'argent
-	-	-	-	-	60,078	Messages financiers et commerciaux
-	-	-	-	-	361,369	Rapports météorologiques
-	-	-	-	-	10,469	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 23,381	Autres expéditions de câblogrammes
65,553	1,263,238	233,617	49,032	325,772	1,937,212	Debits téléphoniques
-	-	-	-	12,901	12,901	Droits sur câblogrammes commerciaux
-	-	-	-	140,846	140,846	Droits sur câblogrammes de la presse
-	-	8,496	-	-	4,168,973	Autres expéditions de câblogrammes
-	-	-	-	-	489,606	Loyer de lignes et de fils
-	-	-	-	-	78,432	Loyer sur autre propriété exploitée
21,306	-	-	-	-	88,819	Primes sur transferts d'argent
186,238	1,263,238	242,113	49,032	479,519	17,997,726	Autres revenus divers
						Total
						<u>TABEAU 3. - DEPENSES</u>
20,706	447,675	66,975	117	215,038	4,474,650	Entretien des lignes et de l'outillage
13,452	-	-	-	-	953,082	Surveillance de l'exploitation
41,279	357,756	22,023	8,026	314,202	4,483,348	Opérateurs
15	-	-	-	-	352,094	Commissions
10,995	-	52,053	11,038	57,545	4,653,263	Autres dépenses d'exploitation
19,807	104,593	-	6,332	163,135	618,935	Salaires des officiers et des commis du siège social
-	-	-	-	-	50,942	Dépenses générales du siège social
13,024	-	-	-	-	14,037	Frais juridiques généraux
-	-	-	-	-	6,527	Assurance
05,643	137,274	20,345	1,175	14,219	422,122	Autres dépenses générales
24,921	1,047,298	161,396	26,688	764,139	16,028,900	Total
						<u>TABEAU 4. - REVENU</u>
58,683	215,940	80,717	22,344	Dr. 284,620	1,968,826	Recettes nettes d'exploitation
-	-	-	-	-	20,000	Location d'établissement et loyers
-	3,854,557	-	-	-	5,924,282	Autre revenu
58,683	x4,070,497	80,717	22,344	Dr. 284,620	5,913,108	Revenu brut
1,165	21,216	6,280	10,669	-	255,441	Taxes
3,920	-	-	-	-	234,016	Loyers à percevoir
-	-	-	-	-	-	Intérêt sur la dette fondée
-	3,910,989	-	-	-	3,914,132	Autres déductions
5,085	x3,932,205	6,280	10,669	-	4,403,569	Déductions totales
3,768	138,292	74,437	11,675	Dr. 264,620	1,509,519	Revenu net

(1) \$99,379 est un crédit pour les dépenses d'entretien sur les messages relayés.

x - Comprend les opérations manufacturières de la compagnie.



TELEGRAPH AND CABLE STATISTICS, 1946

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
	No.	No.	No.	No.	No.	No.
<u>TABLE 5 - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	6,959,724	5,631,720	703,172	92,869	52,168	111,929
Press (Equated 30 words to message)	1,012,899	1,263,954	-	11,620	4,109	2,140
Money transfers	95,062	50,578	-	49	605	-
C.M.D. (Equated 30 words to message)	156,690	4,029	-	-	-	-
Total	8,224,375	6,950,281	703,172	104,538	56,882	114,069
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,509,095	510,142	-	-	50,171	5,980
Press (Equated 30 words to message)	86,253	15,415	-	-	1,475	-
Money transfers	32,684	4,193	-	-	808	-
C.M.D. (Equated 30 words to message)	3,585	87	-	-	-	-
Total	1,631,617	529,837	-	-	52,454	5,980
<u>TOTAL</u>						
Telegrams	8,468,819	6,141,862	703,172	92,869	102,339	117,909
Press (Equated 30 words to message)	1,099,152	1,279,369	-	11,620	5,584	2,140
Money transfers	127,746	54,771	-	49	1,413	-
C.M.D. (Equated 30 words to message)	160,275	4,116	-	-	-	-
Total	9,855,992	7,480,118	703,172	104,538	109,336	120,049
<u>TABLE 6 - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	201,969	400,654	-	-	-	-
Transferred to Canadian land lines	-	-	-	378	4,538	1,779
Transferred to foreign land lines	-	-	-	-	-	-
Transferred by wireless companies	-	124,275	-	-	25	-
Total	201,969	524,929	-	378	4,563	1,779
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	126,474	466,865	-	-	-	-
Transferred from Canadian land lines	-	-	-	858	8,035	3,023
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	138,675	-	-	428	-
Total	126,474	605,540	-	858	8,463	3,023
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>						
	14,833	-	-	-	-	-
Total all Messages handled at Canadian Stations	343,276	1,130,469	-	1,236	13,026	4,802

- (1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
 (2) Includes 2,163 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1946

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	Total	
No.	No.	No.	No.	No.	No.	
-	(1) 68,636	-	-	-	13,620,218	<u>TABLEAU 5. - TELEGRAMMES TRANSMIS</u>
-	-	-	-	-	2,294,722	<u>ENVOYES</u>
-	-	-	-	-	146,294	Télégrammes
-	-	-	-	-	160,719	Presse (30 mots équivalent à un message)
-	68,636	-	-	-	16,221,953	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	-	-	-	-	2,075,388	<u>RECUS DES ETATS-UNIS</u>
-	-	-	-	-	103,143	Télégrammes
-	-	-	-	-	37,685	Presse (30 mots équivalent à un message)
-	-	-	-	-	3,672	Transferts d'argent
-	-	-	-	-	2,219,888	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	(1) 68,636	-	-	-	15,695,606	<u>TOTAL</u>
-	-	-	-	-	2,397,865	Télégrammes
-	-	-	-	-	183,979	Presse (30 mots équivalent à un message)
-	-	-	-	-	164,391	Transferts d'argent
-	68,636	-	-	-	18,441,841	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
111,422	-	-	-	-	714,045	<u>TABLEAU 6. - CABLOGRAMMES TRANSMIS</u>
-	-	-	-	-	6,695	<u>MESSAGES ENVOYES</u>
-	-	-	-	-	-	Transférés aux compagnies de câble
-	-	-	-	-	124,300	Transférés aux lignes de terre canadiennes
111,422	-	-	-	-	848,040	Transférés aux lignes continentales étrangères
-	-	-	-	-	-	Transférés aux compagnies de sans-fil
-	-	-	-	-	-	Total
68,070	-	-	-	-	661,409	<u>MESSAGES RECUS</u>
-	-	-	-	-	11,916	Transférés des compagnies de câble
-	-	-	-	-	-	Transférés des lignes de terre canadiennes
-	-	-	-	-	139,103	Transférés des lignes continentales étrangères
68,070	-	-	-	-	812,428	Transférés des compagnies de sans-fil
-	-	-	-	-	-	Total
-	131,129	171,191	26,440	220,051	548,797	<u>PROVENANT DU CANADA</u>
-	71,559	-	1,872	-	73,431	Reçus par lignes de terre
-	-	-	-	-	-	Reçus de l'expéditeur au bureau du câble
-	170,697	-	27,542	254,627	452,866	<u>ARRIVANT AU CANADA</u>
-	111,506	-	3,134	-	114,640	Transmis aux lignes de terre pour livraison
-	-	-	-	-	-	Transmis directement au destinataire
-	-	-	-	-	-	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u>
-	5,775	-	253,786	1,089,783	1,364,177	<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non</u>
-	-	-	-	-	-	compris)
172,482	(2) 490,666	171,191	312,780	1,564,441	4,211,379	Total des Messages passant par les stations canadiennes

(1) Messages commerciaux aux et des vaisseaux et des avions en Nouvelle-Ecosse et reçus des stations dans la Nouvelle-Ecosse.

(2) Comprend 2,163 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1946

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<b>TABLE 7. - MONEY TRANSFERS</b>							
<u>Money Transfers to -</u>							
United States	\$	735,360	394,530	-	-	18,797	-
United Kingdom	\$	17,668	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	753,028	394,530	-	-	18,797	-
<u>Money Transfers from -</u>							
United States	\$	2,388,056	324,349	-	-	-	-
United Kingdom	\$	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	3,305,140	2,031,760	-	2,408	29,032	-
Total	\$	5,693,196	2,356,109	-	2,408	29,032	-
<u>Money Transfers to and from -</u>							
United States	\$	3,123,416	718,879	-	-	18,797	-
United Kingdom	\$	17,668	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	3,305,140	2,031,760	-	2,408	29,032	-
Total	\$	6,446,224	2,750,639	-	2,408	47,829	-
<b>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</b>							
Operators		1,023	792	441	7	7	16
Other officers and employees		2,556	2,746	305	15	13	90
Total		3,579	3,538	746	22	20	(2) 106
Total salaries and wages	\$	(1)6,912,613	(1)6,484,821	493,842	(1)37,367	26,037	68,266
<u>Commissions paid -</u>							
To railway employees	\$	96,327	95,158	-	3,791	1,164	5,511
To other persons	\$	184,097	74,710	26,222	162	-	1,329
Total	\$	280,424	169,868	26,222	3,953	1,164	6,840
<b>TABLE 9. - NUMBER OF OFFICES</b>							
<u>Number of offices at which telegrams or cablegrams are received and forwarded in Canada</u>							
		2,239	1,712	607	51	18	30
Offices outside of Canada		4	8	2	-	-	-
Total		2,243	1,720	609	51	18	30

(1) Includes wages chargeable to railway operations.

(2) Includes 79 part-time employees.

(3) Includes 1,870 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1946.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
						<u>TABLEAU 7. - TRANSFERTS D'ARGENT</u>
					1,146,687	<u>Transferts d'argent</u>
					17,668	aux Etats-Unis
					-	au Royaume-Uni
					-	à d'autres pays étrangers
					1,164,355	Total
					2,712,405	<u>Transferts d'argent -</u>
					-	des Etats-Unis
					-	du Royaume-Uni
					-	d'autres pays étrangers
					5,560,340	entre stations canadiennes
					8,084,745	Total
					3,861,092	<u>Transferts d'argent -</u>
					17,668	aux et des Etats-Unis
					-	au et du Royaume-Uni
					-	à et d'autres pays étrangers
					5,560,340	entre stations canadiennes
					9,247,100	Total
42	147	15	2	82	2,570	<u>TABLEAU 8. - EMPLOYES - SALAIRES ET GAGES</u>
85	104	31	3	87	6,033	Opérateurs
126	251	41	5	169	(3) 8,603	Autres officiers et employés
289,227	560,200	101,650	16,309	575,917	15,566,309	Total
						<u>Total des salaires et gages</u>
						<u>Commissions payées -</u>
					41,331	Aux employés de chemin de fer
					251,820	A d'autres personnes
					293,151	Total
						<u>TABLEAU 9. - NOMBRE DE BUREAUX</u>
						Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés au Canada
5	15	1	1	3	24,082	Bureaux à l'étranger
-	11	-	-	-	25	
5	26	1	1	2	4,707	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 79 employés à temps partiel.

(3) Comprend 1,870 employés.



TELEGRAPH AND CABLE STATISTICS, 1946

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<u>TABLE 10 - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cable)						
Copper	92,148	123,059	4,196	1,844	5	1,331
Iron	70,978	57,625	12,802	2,169	406	1,254
Wire in cable (in service)	7,401	9,567	253	8	-	13
Total miles of wire in Canada	170,527	190,251	17,251	4,021	411	2,598
Total miles of wire outside of Canada	1,950	3,472	14	-	-	-
Total wire mileage	172,477	193,723	17,265	4,021	411	2,598
<u>MILES OF CABLE</u>						
Overhead	211	126	-	-	-	3
Underground	60	163	-	-	-	-
Submarine	16	166	213	-	-	-
Miles of cable in Canada	287	455	213	-	-	3
Miles of cable outside of Canada	-	2	-	-	-	-
Total	287	457	213	-	-	3
<u>MILES OF MULTIPLE CHANNELS</u>						
Carrier Current -						
Telegraph	183,987	216,988	-	-	-	-
Telephone	7,822	25,183	-	-	-	-
Automatic Printing Telegraph	116,819	167,024	-	-	-	-
Morse Duplex Telegraph	12,425	27,316	-	-	-	-
Simplex Telegraph	22,858	45,472	-	800	-	2,165
Total Channels in Canada	343,911	481,983	-	800	-	2,165
Channels outside of Canada	983	14,716	-	-	-	-
Total Channels	344,894	496,699	-	800	-	2,165
<u>MILES OF TELEPHONE SERVICE IN CANADA</u>						
Long Distance	10,392	19,688	-	305	-	10,735
Train Dispatching	13,784	11,638	-	495	-	756
Miles of telephone service outside of Canada	215	499	-	-	-	-
Miles of cable between Canadian stations	-	-	-	-	-	-
Miles of cable between Canadian & Foreign stns.	-	-	-	-	-	-
<u>TABLE 11 - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	22,536	17,446	8,647	920	-	574
Leased from another company (4) -						
Telegraph company	926	761	-	1	46	-
Telephone company	138	202	108	5	364	-
Other companies	171	102	-	-	-	-
Pole line mileage outside of Canada	(1) 246	(2) 274	14	-	-	-

(1) Includes 1 mile leased from other companies.

(2) Includes 64 miles leased from telegraph companies.

(3) Nautical miles.

(4) Includes space leased and also sole use.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1946

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
						<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
6,381	-	-	-	-	228,964	Tout fil aérien (non en câble)
3,127	-	-	-	-	148,361	Cuivre
978	-	-	-	-	18,220	Fer
10,486	-	-	-	-	395,545	Fil en câble (en service)
-	-	-	-	-	5,436	Total milles de fil au Canada
10,486	-	-	-	-	400,981	Total milles de fil en dehors du Canada
						Total millage de fil
						<u>MILLES DE CABLE</u>
8	-	-	-	-	348	Aérien
23	-	-	-	-	246	Souterrain
5	-	-	-	-	400	Sous-marin
36	-	-	-	-	994	Milles de câble au Canada
-	-	-	-	-	2	Milles de câble en dehors du Canada
36	-	-	-	-	996	Total
						<u>MILLES DE CANALISATIONS MULTIPLES</u>
-	-	-	-	-	400,975	<u>Courant porteur -</u>
-	-	-	-	-	33,005	Télégraphe
-	-	-	-	-	283,843	Téléphone
-	-	-	-	-	39,741	Télétypographe automatique
-	-	-	-	-	71,295	Télégraphe Morse double
-	-	-	-	-	828,859	Télégraphe simple
-	-	-	-	-	15,699	Canalisations globales au Canada
-	-	-	-	-	844,558	Canalisations hors du Canada
-	-	-	-	-		Canalisations globales
						<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
-	-	-	-	-	41,120	Interurbain
-	-	-	-	-	26,673	Expédition de trains
-	-	-	-	-	714	Milles de service téléphonique en dehors du Canada
(3) 250	-	-	-	-	250	Milles de câble entre stations canadiennes
3) 3,771	-	(3) 7,422	(3) 870	(3) 20,750	32,813	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
754	-	-	-	-	50,877	Occupées par le propriétaire
319	-	-	-	-	2,055	Louées d'une autre compagnie -
-	-	-	-	-	817	Compagnie de télégraphe
-	-	-	-	-	273	Compagnie de téléphone
-	-	-	-	-	534	Autres compagnies
						Millage de ligne sur poteaux à l'étranger

(1) Comprend 1 mille loué d'autres compagnies.

(2) Comprend 64 milles loués de la compagnie de télégraphe.

(3) Milles nautiques.

(4) Comprend espace loué et usage exclusif.

TELEGRAPH AND CABLE STATISTICS, 1946.

TABLE 12	Prince Edward Island Île du Pr. Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Québec	Ontario Ontario	Manitoba Manitoba	Saskat- chewan Saskat- chewan
Pole Line mileage	286	2,783	2,181	7,095	11,226	4,209	9,099
Wire mileage	956	17,402	18,588	50,153	137,041	31,239	50,466
Number of offices	39	252	151	896	1,354	332	631
Telegrams sent	107,085	1,141,698	626,684	3,465,587	5,829,949	1,158,392	683,344

TABLE 13 - MARCONI WIRELESS MESSAGES	Year ended December 31 -		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1 9 4 6	1 9 4 5	1 9 4 6
Commercial messages sent to ships and stations	4,441	3,741	15,009
Commercial messages received from ships and stations	5,772	3,910	21,040
Messages sent to government ships	489	262	972
Messages received from government ships	161	401	1,137
Service messages sent to ships and stations	703	728	1,202
Service messages received from ships and stations	728	725	2,700
Government messages sent to stations	571	55	4,372
Government messages received from stations	6,280	6,332	7,796
Total (5)	19,145	16,162	50,944

TABLE 14 - VALUE OF TOTAL CABLES, ETC., MAINTAINED	TABLEAU 14 - VALEUR DES TRAVAUX EXECUTES, 1946			
	New Construction Construction Nouvelle	Alteration and Maintenance Repair Work Modifications, Entretien et Réparations	Total	
	\$	\$	\$	
By company employees	2,136,661	1,970,233	4,106,894	Par les employés de la compagnie
By contractors	13,863	11,068	24,931	Par les entrepreneurs
Total	2,150,524	1,981,301	4,131,825	Total

- (1) Includes 300 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore radio-telephone traffic included in totals:

	1 9 4 6	1 9 4 5
Paid messages to ships .....	3,616	4,685
Paid messages from ships .....	18,837	22,767
Government messages to ships .....	1,377	1,249
Government messages from ships .....	3	12
Service messages to ships .....	1	4
Service messages from ships .....	1	1



STATISTIQUES DES TELEGRAPHES ET DES CABLES. 1946

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	TABLEAU 12
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,367	7,159	562	14	520	-	52,501	Milles de ligne sur poteaux
43,053	46,085	562	14	5,422	-	400,981	Milles de fil
465	551	11	-	-	25	4,707	Nombre de bureaux
1,210,714	1,875,983	105,577	-	-	6,940	16,221,953	Télégrammes envoyés

- Année terminée le 31 décembre

Québec	(4) Ontario		TABLEAU 13 - RADIOGRAMMES MARCONI
1945	1946	1945	
10,080	3,884	4,939	Messages commerciaux aux vaisseaux et aux stations
12,448	19,967	23,687	Messages commerciaux des vaisseaux et des stations
881	4,123	3,444	Messages aux vaisseaux du Gouvernement
1,876	522	563	Messages des vaisseaux du Gouvernement
2,398	788	943	Messages de service aux vaisseaux et aux stations
2,283	776	931	Messages de service des vaisseaux et des stations
3,517	452	466	Messages du Gouvernement aux stations
5,980	1,218	1,113	Messages du Gouvernement des stations
39,463	31,730	36,086	(5) Total

- 1) Comprend 900 milles au Canada loués des compagnies de téléphone ou d'énergie et 66 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.
- 2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- 3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- 4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- 5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1946	1945
Messages payés envoyés aux vaisseaux .....	3,616	4,685
Messages payés envoyés des vaisseaux .....	18,837	22,767
Messages du gouvernement adressés aux vaisseaux ..	1,377	1,249
Messages de vaisseaux adressés au gouvernement ...	3	12
Messages de service envoyés aux vaisseaux .....	1	4
Messages de service envoyés des vaisseaux .....	1	1





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TRANS. & PUBLIC AFFS. FILE 11

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Minister of Trade and Commerce

**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**TRANSPORTATION DIVISION**

DEPT. OF  
POLITICAL ECONOMY

**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1947**



**OTTAWA**  
**1949**

Price 10 cents



**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION DIVISION**  
**OTTAWA**

Dominion Statistician, HERBERT MARSHALL

Director, Transportation Division, G.S.Wrong

20-1420

TELEGRAPH AND CABLE STATISTICS

1 9 4 7

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Ontario Northland (formerly Temiskaming and Northern Ontario) Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Service which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from vessels on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from vessels at sea and across the Atlantic Ocean have been included with cablegrams.

The Pacific Communication System constructed as a war measure on the mainland in British Columbia and on Vancouver Island was taken over by the War Assets Corporation and the Department of Public Works took over the greater part of it in 1946, greatly increasing the property account of the Dominion Government Service.

The communications system along the Alaska Highway which had been transferred from the United States to the Canadian Government was operated by the Canadian National Railways as from April 1, 1947, as agents for the Dominion Government. The statistics of this system are not included in this report but will be included in subsequent reports.

Gross revenues increased over 1946 revenues by 2.9 p.c. to reach a new high record at \$18,514,525. Operating expenses also reached a new peak at \$17,359,798 and the net operating revenues declined to \$1,154,729, the smallest since 1938. Wire mileage continued to increase, amounting to 401,803 miles at the end of 1947. The number of employees increased from 8,603 in 1946 to 8,711 or by 1.3 p.c., and wages increased by 10.5 p.c. to \$17,193,861. The number of telegrams sent increased to 13,901,980 and the number received from the United States to 2,391,794 but the number of cablegrams handled continued to decline from the 1945 peak of 3,613,752 to 1,813,821. The amount of money transferred by telegraph increased to a new high at \$10,988,591 which was more than twice the pre-war annual transfer.



**BUREAU FEDERAL DE LA STATISTIQUE**  
**DIVISION DES TRANSPORTS**

Statisticien du Dominion: HERBERT MARSHALL

Directeur de la Division des Transports G. S. Wrong

STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 4 7

Les statistiques qui suivent comprennent celles des services télégraphiques du National-Canadien et du Pacifique-Canadien, des chemins de fer Northern Alberta et de Ontario Northland (auparavant Témiskaming and Northern Ontario), de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du Service télégraphique du gouvernement canadien qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon, ainsi qu'un court millage en Ontario; elles portent également sur les opérations canadiennes du réseau de sans-fil de la "Canadian Marconi" et aux diverses compagnies ayant des services de transmission par câble au Canada.

Le réseau de la "Western Union Telegraph" fonctionne à travers le sud-ouest de l'Ontario, mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenu. Il fait aussi le relai des messages transatlantiques à Lunenburg, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages; ceux-ci ne sont donc pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la "Canadian Marconi", envoyés aux vaisseaux et reçus des vaisseaux sur les Grands lacs et le fleuve St-Laurent et les messages échangés entre les stations, sont classés avec les télégrammes; les messages échangés avec les vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

Le "Pacific Communication System", établi comme mesure de guerre sur le continent en Colombie-Britannique et sur l'île de Vancouver, a été absorbé par la Corporation des biens de guerre; le ministère des Travaux publics a pris, en 1945, la charge de la plus grande partie de ce réseau, ce qui augmenta considérablement les immobilisations du service du gouvernement canadien.

Le réseau de communications longeant la route de l'Alaska, qui avait été transféré des Etats-Unis au gouvernement du Canada, est exploité par les chemins de fer National-Canadien depuis le 1er avril 1947, à titre d'agent du gouvernement fédéral. Les statistiques sur ce réseau ne sont pas comprises dans le présent rapport, mais paraîtront dans les rapports subséquents.

Les recettes brutes dépassent celles de 1945 de 2.9 p.100; elles atteignent un nouveau sommet avec \$18,514,525. Les dépenses d'exploitation s'établissent aussi à un nouveau sommet avec \$17,359,796; les recettes nettes d'exploitation déclinent à \$1,154,727, le plus petit chiffre depuis 1938. Le millage de fils augmente toujours; il s'élève à 401,803 milles à la fin de 1947. Le nombre d'employés augmente de 8,603 en 1946 à 8,711 soit de 1.3 p.100. Les salaires gagnent 10.5 p.100 pour toucher \$17,193,861. Le nombre de télégrammes envoyés passe à 16,595,980 et le nombre de télégrammes reçus des Etats-Unis, à 2,391,794. Cependant, le nombre de câblogrammes passant par ces réseaux continue de décliner: un sommet de 3,013,752 en 1943 à 1,613,621. Le montant d'argent viré par voie télégraphique augmente à un nouveau sommet de \$10,988,591, c'est-à-dire plus de deux fois le nombre de virements annuels avant la guerre.

Table 1  
Tableau 1

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TÉLÉGRAPHES ET CÂBLES

Year Année	Cost of Property and Equipment Coût de la propriété et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,902	1,176,587	936,253
1940	47,476,177	10,922,674	9,625,035	1,297,639	1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,256
1942	49,192,861	14,826,431	11,325,417	2,301,014	3,241,133
1943	52,553,160	16,955,280	12,942,108	4,013,172	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946	63,910,009	17,997,726	16,028,900	1,968,826	1,509,519
1947	67,110,646	18,514,525	17,359,796	1,154,729	939,487

  

Year Année	Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees <sup>(1)</sup> Employés <sup>(1)</sup>	Salaries and Wages Salaires et gages
1938	52,408	373,283	6,347	\$ 8,205,518
1939	52,464	374,550	6,339	8,232,773
1940	52,390	380,318	6,588	8,700,861
1941	52,246	379,794	7,272	10,042,496
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	12,598,548
1944	52,414	387,677	8,050	13,634,064
1945	52,447	391,476	8,230	13,992,806
1946	x 52,522	400,981	8,603	15,566,309
1947	51,024	401,803	8,711	17,193,861

  

Year Année	Telegrams - Télégrammes		Cablegrams <sup>(3)</sup> Câblogrammes <sup>(3)</sup>	Money Transfers Transferts d'argent
	Sent <sup>(2)</sup> Envoyés <sup>(2)</sup>	Received from the United States Reçus des Etats-Unis		
1938	11,220,047	1,594,187	1,404,244	\$ 4,103,690
1939	10,783,271	1,679,641	1,492,389	3,990,986
1940	11,260,587	1,471,495	1,657,148	3,118,166
1941	12,689,124	1,592,446	2,251,979	3,848,040
1942	13,660,987	1,761,144	2,831,549	3,432,892
1943	14,763,398	1,703,366	3,013,752	7,677,030
1944	14,805,161	1,640,289	2,324,863	9,347,798
1945	15,758,247	1,908,657	2,192,173	6,006,128
1946	16,221,953	2,219,888	1,845,539	3,847,102
1947	16,595,980	2,391,794	1,613,621	10,988,591

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Grand Banks and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid air-line messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.  
x - Revised.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux et des navires sur les Grands Bancs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires du golfe Saint-Laurent soit sur l'océan Atlantique.  
x - Révisé.



TELEGRAPH AND CABLE STATISTICS, 1947

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
	\$	\$	\$	\$	\$	\$
<b>COST OF PROPERTY AND EQUIPMENT</b>	25,037,985	26,130,396	9,250,000	421,735	17,723	376,497
<b>REVENUES</b>						
Commercial telegraph tolls	5,152,588	3,983,892	420,473	42,884	23,395	76,373
Telegraph tolls on cable messages	203,388	647,128	-	-	-	276
Press telegraph tolls	134,465	151,753	-	761	-	1,732
Money transfer tolls	107,254	58,036	-	38	893	2,912
Stock and commercial news revenue	20,264	22,289	-	-	-	-
Weather reports	27,354	22,341	-	-	-	428
Ticker rentals	313,096	68,617	-	-	-	-
Other telegraph transmission revenue	10,511	-	-	6,105	-	-
Telephone debits	Dr. 14,484	Dr. 8,868	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	1,351,857	2,348,548	-	-	582,520	48,808
Rents from other operated property	291,593	225,674	-	-	-	-
Money transfer premiums	59,274	29,501	-	24	-	-
Other non-transmission revenue	28,759	32,299	9,893	-	1,387	-
<b>Total</b>	<b>7,685,919</b>	<b>7,581,210</b>	<b>430,366</b>	<b>49,812</b>	<b>608,195</b>	<b>130,529</b>
<b>TABLE 3 - EXPENSES</b>						
Maintenance of line and equipment	1,762,136	2,204,638	237,884	-	722	48,544
Supervision of operations	447,668	429,042	19,924	2,067	-	1,123
Operators	1,923,354	1,492,991	293,003	15,355	22,389	16,951
Commissions	302,478	175,701	24,956	4,039	1,391	6,847
Other operating expenses	2,541,935	1,881,069	17,705	11,009	576,447	27,823
Salaries of gen'l officers & gen'l office clerks	187,354	121,756	24,415	-	5,740	11,512
General office expenses	27,655	25,602	-	-	582	549
General law expenses	873	4	-	-	-	-
Insurance	-	6,391	-	-	80	152
Other general expenses	70,731	83,446	10,230	-	2,730	-
<b>Total</b>	<b>7,264,184</b>	<b>6,420,640</b>	<b>628,117</b>	<b>32,470</b>	<b>610,081</b>	<b>113,501</b>
<b>TABLE 4- INCOME ACCOUNT</b>						
Net operating revenue	421,735	1,160,570	Dr.197,751	17,342	Dr.1,886	17,028
Lease of plant and rents	20,000	-	-	-	-	-
Other income	88,491	-	-	-	5,210	-
<b>Gross income</b>	<b>530,226</b>	<b>1,160,570</b>	<b>Dr.197,751</b>	<b>17,342</b>	<b>3,324</b>	<b>17,028</b>
Taxes	138,407	92,362	-	144	1,918	-
Rents payable	227,500	-	-	1,855	-	880
Interest on funded debt	-	-	-	-	-	-
Other deductions	2,633	-	-	-	708	-
<b>Total deductions</b>	<b>368,540</b>	<b>92,362</b>	<b>-</b>	<b>1,999</b>	<b>2,626</b>	<b>880</b>
<b>Net income</b>	<b>161,686</b>	<b>1,068,208</b>	<b>Dr.197,751</b>	<b>15,343</b>	<b>698</b>	<b>16,148</b>

(1) \$99,041 is a credit for maintenance expenses on through traffic.

(x) Includes manufacturing operations of company.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1947

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TABLEAU 2
\$	\$	\$	\$	\$	\$	
5,344,287	1,564,516	648,691	18,816	300,000	67,110,646	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
(1) 99,041	-	-	-	-	9,798,646	RECETTES
-	-	-	-	-	850,792	Droits sur télégrammes commerciaux
-	-	-	-	-	288,711	Droits des compagnies de télégraphe sur câblogrammes
-	-	-	-	-	169,133	Droits sur télégrammes officiels
-	-	-	-	-	42,553	Droits sur transferts d'argent
-	-	-	-	-	50,123	Messages financiers et commerciaux
-	-	-	-	-	381,713	Rapports météorologiques
-	-	-	-	-	16,616	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 23,352	Autres expéditions de câblogrammes
65,680	1,220,725	180,295	30,371	300,635	1,797,706	Debits téléphoniques
-	-	-	-	9,492	9,492	Droits sur câblogrammes commerciaux
-	-	-	-	100,236	100,236	Droits sur câblogrammes de la presse
-	-	2,372	-	-	4,334,105	Autres expéditions de câblogrammes
-	-	-	-	-	517,267	Loyer de lignes et de fils
-	-	-	-	-	88,799	Loyer sur autre propriété exploitée
20,428	-	Dr. 781	-	-	91,985	Primes sur transferts d'argent
185,149	1,220,725	181,886	30,371	410,363	18,514,525	Autres revenus divers
						Total
						TABLEAU 3 - DEFENSES
20,947	432,165	68,185	340	192,488	4,968,049	Entretien des lignes et de l'outillage
17,602	-	-	-	-	917,426	Surveillance de l'exploitation
40,202	398,296	25,454	7,717	281,380	4,517,092	Opérateurs
5	-	-	-	-	515,417	Commissions
14,493	-	60,146	5,749	70,972	5,207,348	Autres dépenses d'exploitation
22,111	127,145	-	6,469	179,608	686,110	Salaires des officiers et des commis du siège social
-	-	-	-	-	54,388	Dépenses générales du siège social
17,619	-	-	-	-	18,496	Frais juridiques généraux
-	-	-	-	-	6,623	Assurance
106,133	144,259	21,165	1,293	28,860	468,847	Autres dépenses générales
239,112	1,101,865	174,950	21,568	753,308	17,359,796	Total
						TABLEAU 4 - REVENU
Dr. 55,963	118,860	6,936	8,803	Dr. 342,945	1,154,729	Recettes nettes d'exploitation
-	-	-	-	-	20,000	Location d'établissement et loyers
-	7,261,792	-	-	-	7,355,493	Autre revenu
Dr. 55,963	x7,380,652	6,936	8,803	Dr. 342,945	8,530,222	Revenu brut
1,128	35,048	6,560	2,769	-	276,334	Taxes
3,920	-	-	-	-	234,155	Loyers à percevoir
-	-	-	-	-	-	Intérêt sur la dette fondée
-	7,076,905	-	-	-	7,080,246	Autres déductions
5,048	x7,109,953	6,560	2,769	-	7,590,735	Déductions totales
Dr. 59,009	270,699	376	6,034	Dr. 342,945	539,487	Revenu net

(1) \$99,041 est un crédit pour les dépenses d'entretien sur les messages relayés.

x Comprend les opérations manufacturières de la compagnie.



TELEGRAPH AND CABLE STATISTICS, 1947

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
	No.	No.	No.	No.	No.	No.
<u>TABLE 5 - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	7,009,256	5,793,574	689,306	93,131	45,621	107,062
Press (Equated 30 words to message)	1,233,205	1,229,919	-	9,846	3,792	3,867
Money transfers	95,730	53,341	-	22	750	3,640
C.N.D. (Equated 30 words to message)	143,436	2,943	-	-	-	-
Total	8,481,627	7,079,777	689,306	102,999	50,163	114,569
<u>RECEIVED FROM UNITED STATES</u>						
Telegrams	1,658,180	524,628	-	-	45,754	5,503
Press (Equated 30 words to message)	93,891	17,333	-	-	1,271	-
Money transfers	33,085	3,953	-	-	798	-
C.N.D. (Equated 30 words to message)	7,205	193	-	-	-	-
Total	1,792,361	546,107	-	-	47,823	5,503
<u>TOTAL</u>						
Telegrams	8,667,436	6,318,202	689,306	93,131	91,375	112,565
Press (Equated 30 words to message)	1,327,096	1,247,252	-	9,846	5,063	3,867
Money transfers	128,815	57,294	-	22	1,548	3,640
C.N.D. (Equated 30 words to message)	150,641	3,136	-	-	-	-
Total	10,273,988	7,625,884	689,306	102,999	97,986	120,072
<u>TABLE 6 - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	152,676	364,722	-	-	-	-
Transferred to Canadian land lines	-	-	-	246	6,246	1,182
Transferred to foreign land lines	-	-	-	-	-	-
Transferred to wireless companies	-	112,337	-	-	30	-
Total	152,676	477,059	-	246	6,276	1,182
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	99,140	439,045	-	-	-	-
Transferred from Canadian land lines	-	-	-	464	5,251	1,724
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	100,640	-	-	490	-
Total	99,140	539,685	-	464	5,741	1,724
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>						
	4,313	-	-	-	-	-
Total all Messages handled at Canadian Stations	256,129	1,016,744	-	710	12,017	2,906

- (1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
(2) Includes 2,705 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1947

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	Total	
No.	No.	No.	No.	No.	No.	
-	(1) 77,539	-	-	-	13,815,489	<u>TABLEAU 5 - TELEGRAMMES TRANSMIS</u>
-	-	-	-	-	2,480,629	<u>ENVOYES</u>
-	-	-	-	-	153,483	Télégrammes
-	-	-	-	-	146,378	Presse (30 mots équivalent à un message)
-	77,539	-	-	-	16,595,980	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	-	-	-	-	2,234,065	<u>RECUS DES ETATS-UNIS</u>
-	-	-	-	-	112,495	Télégrammes
-	-	-	-	-	37,836	Presse (30 mots équivalent à un message)
-	-	-	-	-	7,398	Transferts d'argent
-	-	-	-	-	2,391,794	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	(1) 77,539	-	-	-	16,049,554	<u>TOTAL</u>
-	-	-	-	-	2,593,124	Télégrammes
-	-	-	-	-	191,319	Presse (30 mots équivalent à un message)
-	-	-	-	-	153,777	Transferts d'argent
-	77,539	-	-	-	18,987,774	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
107,456	-	-	-	-	624,854	<u>TABLEAU 6 - CABLEGRAMMES TRANSMIS</u>
-	-	-	-	-	7,674	<u>MESSAGES ENVOYES</u>
-	-	-	-	-	-	Transférés aux compagnies de câble
-	-	-	-	-	112,367	Transférés aux lignes de terre canadiennes
107,456	-	-	-	-	744,895	Transférés aux lignes continentales étrangères
-	-	-	-	-	-	Transférés aux compagnies de sans-fil
-	-	-	-	-	-	Total
63,535	-	-	-	-	601,720	<u>MESSAGES RECUS</u>
-	-	-	-	-	7,439	Transférés des compagnies de câble
-	-	-	-	-	-	Transférés des lignes de terre canadiennes
-	-	-	-	-	101,130	Transférés des lignes continentales étrangères
63,535	-	-	-	-	710,269	Transférés des compagnies de sans-fil
-	-	-	-	-	-	Total
-	116,472	137,591	28,194	198,776	481,033	<u>PROVENANT DU CANADA</u>
-	63,557	-	2,162	-	65,719	Reçus par lignes de terre
-	-	-	-	-	-	Reçus de l'expéditeur au bureau du câble
-	124,673	-	23,671	248,156	396,500	<u>ARRIVANT AU CANADA</u>
-	88,891	-	3,827	-	92,718	Transmis aux lignes de terre pour livraison
-	-	-	-	-	-	Transmis directement au destinataire
-	20,959	-	230,918	867,715	1,119,692	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u>
-	-	-	-	-	-	<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non compris ci-dessus)</u>
170,991	(2) 414,552	137,591	308,772	1,314,647	3,635,059	Total des messages passant par les stations canadiennes

(1) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et reçus des stations dans la Nouvelle-Ecosse.

(2) Comprend 2,705 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1947

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<b>TABLE 7 - MONEY TRANSFERS</b>							
<u>Money Transfers to -</u>							
United States	\$	842,033	552,849	-	-	23,968	-
United Kingdom	\$	8,806	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	850,839	552,849	-	-	23,968	-
<u>Money Transfers from -</u>							
United States	\$	2,838,752	427,799	-	-	-	-
United Kingdom	\$	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	3,985,441	2,282,152	-	2,305	24,486	-
Total	\$	6,824,193	2,709,951	-	2,305	24,486	-
<u>Money Transfers to and from -</u>							
United States	\$	3,680,765	980,648	-	-	23,968	-
United Kingdom	\$	8,806	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	3,985,441	2,282,152	-	2,305	24,486	-
Total	\$	7,675,032	3,262,800	-	2,305	48,454	-
<b>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</b>							
Operators	No.	1,044	802	385	8	7	16
Other officers and employees	No.	2,834	2,675	235	16	13	73
Total	No.	3,878	3,477	620	24	20	89
Total Salaries and Wages	\$	(1)8,078,597	(1)6,859,405	476,678	(1)43,062	28,129	68,716
<u>Commissions Paid -</u>							
To railway employees	\$	99,284	81,922	-	3,926	1,391	5,452
To other persons	\$	203,194	93,779	24,956	113	-	1,395
Total	\$	302,478	175,701	24,956	4,039	1,391	6,847
<b>TABLE 9 - NUMBER OF OFFICES</b>							
<u>Number of offices at which telegrams or cablegrams are received and forwarded in Canada</u>							
		2,261	1,704	524	54	18	30
Offices outside of Canada		4	8	2	-	-	-
Total		2,265	1,712	526	54	18	30

(1) Includes wages chargeable to railway operations.

(2) Includes 67 part-time employees.

(3) Includes 1,536 female employees



STATISTIQUES DES TELEGRAPHES ET DE CABLES, 1947

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
-	-	-	-	-	1,418,850	<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	8,806	<u>Transferts d'argent -</u>
-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	1,427,656	au Royaume-Uni
-	-	-	-	-	-	à d'autres pays étrangers
-	-	-	-	-	-	Total
-	-	-	-	-	3,266,551	<u>Transferts d'argent -</u>
-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	-	d'autres pays étrangers
-	-	-	-	-	6,294,384	entre stations canadiennes
-	-	-	-	-	9,560,935	Total
-	-	-	-	-	4,685,401	<u>Transferts d'argent -</u>
-	-	-	-	-	8,806	aux et des Etats-Unis
-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	-	à et d'autres pays étrangers
-	-	-	-	-	6,294,384	entre stations canadiennes
-	-	-	-	-	10,988,591	Total
43	159	10	2	83	2,559	<u>TABLEAU 8 - EMPLOYES - SALAIRES ET GAGES</u>
80	104	32	3	87	6,152	Opérateurs
125	263	42	5	170	(3) 8,711	Autres officiers et employés
316,374	654,966	117,115	15,421	555,398	17,193,861	Total
-	-	-	-	-	191,975	<u>Total des salaires et gages</u>
-	-	-	-	-	323,437	<u>Commissions payées</u>
-	-	-	-	-	515,412	Aux employés de chemin de fer
-	-	-	-	-	-	A d'autres personnes
-	-	-	-	-	-	Total
5	14	1	1	3	4,615	<u>TABLEAU 9 - NOMBRE DE BUREAUX</u>
-	11	-	-	-	25	Nombre de bureaux au les câblogrammes
5	25	1	1	3	4,640	et les télégrammes sont reçus et
-	-	-	-	-	-	envoyés au Canada
-	-	-	-	-	-	Bureaux à l'étranger
-	-	-	-	-	-	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 67 employés à temps partiel.

(3) Comprend 1,536 employés.



TELEGRAPH AND CABLE STATISTICS, 1947

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<u>TABLE 10 - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cable)						
Copper	95,034	125,159	4,168	1,860	5	2,041
Iron	69,902	56,846	11,057	2,169	401	565
Wire in cable (in service)	7,321	9,509	584	8	-	14
Total miles of wire in Canada	172,257	191,514	15,809	4,037	406	2,620
Total miles of wire outside of Canada	1,950	3,347	14	-	-	-
Total wire mileage	174,207	194,861	15,823	4,037	406	2,620
<u>MILES OF CABLE</u>						
Overhead	210	117	17	-	-	3
Underground	61	166	-	-	-	-
Submarine	16	138	184	-	-	-
Miles of cable in Canada	287	421	201	-	-	3
Miles of cable outside of Canada	-	2	-	-	-	-
Total	287	423	201	-	-	3
<u>MILES OF MULTIPLE CHANNELS</u>						
Carrier Current -						
Telegraph	203,933	239,167	-	407	-	-
Telephone	12,028	31,225	-	-	-	-
Automatic Printing Telegraph	117,527	171,812	-	-	-	-
Morse Duplex Telegraph	12,379	26,615	-	-	-	-
Simplex Telegraph	24,540	55,949	-	800	-	2,194
Total Channels in Canada	370,407	524,768	-	1,207	-	2,194
Channels outside of Canada	1,244	15,033	-	-	-	-
Total Channels	371,651	539,801	-	1,207	-	2,194
<u>MILES OF TELEPHONE SERVICE IN CANADA</u>						
Long distance	14,335	19,900	-	305	-	11,490
Train Dispatching	14,194	11,823	-	495	-	756
Miles of telephone service outside of Canada	211	700	-	-	-	-
Miles of cable between Canadian stations	-	-	-	-	-	-
Miles of cable between Canadian & foreign stns.	-	-	-	-	-	-
<u>TABLE 11 - POLE LINE MILEAGE IN CANADA</u>						
Owned by respondent	22,440	17,225	7,457	920	-	574
Leased from another company (1)						
Telegraph company	996	798	-	1	46	-
Telephone company	104	161	108	5	360	-
Other companies	261	104	-	-	-	-
Pole line mileage outside of Canada	245	(2) 296	14	-	-	-

(1) Includes space leased and also sole use.

(2) Includes 65 miles leased from telegraph companies and 21 miles leased from other companies.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1947

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
6,370	-	-	-	-	234,637	<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
3,113	-	-	-	-	144,053	Tout fil aérien (non en câble)
566	-	-	-	-	17,802	Cuivre
9,849	-	-	-	-	396,492	Fer
-	-	-	-	-	5,311	Fil en câble (en service)
9,849	-	-	-	-	401,803	Total milles de fil au Canada
						Total milles de fil en dehors du Canada
						Total millage de fil
2	-	-	-	-	349	<u>MILLES DE CABLE</u>
19	-	-	-	-	246	Aérien
5	-	-	-	-	343	Souterrain
26	-	-	-	-	936	Sous-marin
-	-	-	-	-	2	Milles de câble au Canada
26	-	-	-	-	940	Milles de câble en dehors du Canada
						Total
-	-	-	-	-	443,507	<u>MILLES DE CANALISATIONS MULTIPLES</u>
-	-	-	-	-	43,253	Courant porteur -
-	-	-	-	-	289,539	Télégraphe
-	-	-	-	-	38,994	Téléphone
-	-	-	-	-	83,482	Télétypographe automatique
-	-	-	-	-	898,576	Télégraphe Morse double
-	-	-	-	-	16,277	Télégraphe simple
-	-	-	-	-	914,853	Canalisations globales au Canada
						Canalisations hors du Canada
						Canalisations globales
-	-	-	-	-	46,028	<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
-	-	-	-	-	27,268	Interurbain
-	-	-	-	-	915	Expédition de trains
(3) 250	-	-	-	-	(3) 250	Milles de service téléphonique en dehors du Canada
(3) 3,771	-	(3) 7,422	(3) 870	(3) 20,780	(3) 32,813	Milles de câble entre stations canadiennes
						Milles de câble entre stations canadiennes et étrangères
750	-	-	-	-	49,362	<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
317	-	-	-	-	2,088	Occupées par le propriétaire
-	-	-	-	-	738	Louées d'une autre compagnie -
-	-	-	-	-	305	Compagnie de télégraphe
-	-	-	-	-	565	Compagnie de téléphone
						Autres compagnies
						Millage de ligne sur poteaux à l'étranger

(1) Comprend espace loué et usage exclusif

(2) Comprend 65 milles loués de la compagnie de télégraphe et 21 milles loués d'autres compagnies.

(3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1947

TABLE 12	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan
	Ile du Pr. Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba	Saskat- chewan
Pole line mileage	286	2,718	2,178	5,846	11,187	4,206	9,106
Wire mileage	956	17,929	18,718	49,358	156,464	31,954	50,583
Number of offices	39	235	158	781	1,576	328	674
Telegrams sent	106,384	1,046,985	682,195	5,442,269	6,040,592	1,182,267	714,860

TABLE 13 - MOUNTED WIRELESS MESSAGES	Year ended December 31 -		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1 9 4 7	1 9 4 6	1 9 4 7
Commercial messages sent to ships and stations	4,596	4,441	15,647
Commercial messages received from ships and stations	6,194	5,772	24,567
Messages sent to Government ships	892	489	1,582
Messages received from Government ships	170	161	1,487
Service messages sent to ships and stations	902	703	2,305
Service messages received from ships and stations	822	728	2,372
Government messages sent to stations	834	571	4,350
Government messages received from stations	6,566	6,280	7,529
Total (5)	20,976	19,145	59,639

TABLE 14 - VALUE OF WORK CARRIED OUT, 1947		TABLEAU 14 - VALEUR DE TRAVAUX EXECUTES, 1947		
	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction Nouvelle	Modifications, Entretien et Réparations	Total	
By company employees	2,798,795	2,140,182	4,938,977	Par les employés de la compagnie
By contractors	-	10,553	10,553	Par les entrepreneurs
Total	2,798,795	2,150,735	4,949,530	Total

(1) Includes 1,103 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.

(2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.

(3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.

(4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

(5) Ship to Shore radio-telephone traffic included in totals:

	1 9 4 7	1 9 4 6
Paid messages to ships .....	4,661	5,616
Paid messages from ships .....	25,678	18,837
Government messages to ships ....	1,725	1,377
Government messages from ships ..	6	3
Service messages to ships .....	6	1
Service messages from ships .....	10	1



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1947

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	TABLEAU 12
Alberta	Colombia Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,276	7,104	562	14	541	-	(1) 51,024	Milles de ligne sur poteaux
43,180	46,788	562	14	5,297	-	401,803	Milles de fil
478	555	11	-	-	25	4,640	Nombre de bureaux
1,253,512	2,132,270	7,573	-	-	7,055	16,595,980	Télégrammes envoyés

- Année terminée le 31 décembre

Québec	Ontario		TABLEAU 13 - RADIOGRAMMES MARCONI
1946	1947	1946	
15,089	4,874	3,884	Messages commerciaux aux vaisseaux et aux stations
21,646	24,566	19,967	Messages commerciaux des vaisseaux et des stations
972	6,979	4,123	Messages aux vaisseaux du Gouvernement
1,137	474	522	Messages des vaisseaux du Gouvernement
3,202	831	788	Messages de service aux vaisseaux et aux stations
2,730	817	776	Messages de service des vaisseaux et des stations
4,372	516	452	Messages du Gouvernement aux stations
7,796	1,379	1,218	Messages du Gouvernement des stations
56,944	40,436	31,730	Total (5)

- (1) Comprend 1,103 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1947	1946
Messages payés envoyés aux vaisseaux .....	4,661	3,616
Messages payés envoyés des vaisseaux .....	23,679	18,837
Messages du gouvernement adressés aux vaisseaux .....	1,725	1,377
Messages de vaisseaux adressés au gouvernement .....	6	3
Messages de service envoyés aux vaisseaux .....	6	1
Messages de service envoyés des vaisseaux .....	10	1





56-201

TRANS & PUBLIC UTIL FILE 17

UNIVERSITY OF TORONTO  
DEPT. OF POLITICAL ECONOMY

*Government of Canada*

**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1948**



**DOMINION BUREAU OF STATISTICS  
DEPARTMENT OF TRADE AND COMMERCE**

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**TELEGRAPH AND CABLE STATISTICS  
FOR  
1948**

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Published by Authority of the Rt. Hon. C. D. Howe,  
Minister of Trade and Commerce

Prepared in the Transportation Division,  
Dominion Bureau of Statistics, Ottawa

## TELEGRAPH AND CABLE STATISTICS

1 9 4 8

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Ontario Northland Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Service which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canada, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from vessels on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from vessels at sea and across the Atlantic Ocean have been included with cablegrams.

The Pacific Communications System constructed as a war measure on the mainland of British Columbia and on Vancouver Island is now a part of the Government Telegraph Service. The national network operated by the Royal Canadian Army Signal Corps is not included in this report.

Gross telegraph and cable revenues for 1948 at \$19,422,788 registered an increase of \$908,265 or 4.9 p.c. over 1947 to establish a new record, but operating expenses jumped \$2,932,606 or 16.9 p.c., due to wage increases and higher costs of materials, to reach \$20,292,402 compared with \$17,359,796 one year earlier. Net revenues showed the first deficit since annual reports were first compiled by the Bureau for 1917. The deficit in 1948 was \$869,614 compared with net revenues of \$1,154,729 in 1947, a worsening of some \$2 million. Net corporate income was reduced from a profit of \$939,487 in 1947 to a debit of \$1,468,824 in the year under review. Apparently tariffs were insufficient to meet even operating costs and only 5 of the 11 companies reporting had any net income to show for 1948 operations. Canadian National had a loss of \$827,427, Dominion Government Service, \$188,614, Marconi, \$161,136, and Pacific Cable, \$311,671.

Wire mileage increased 3,837 miles during the year to 405,640 miles. Telegrams sent numbered 16,970,011 against 16,595,980 one year earlier, while receipts from the United States were down 348,337 to 2,043,457. Cablegrams have declined steadily since the war time peak of 1943 and totalled 1,579,679, off 33,942, from 1947. Money transfers in 1948 were a record \$11,512,194 compared with \$10,988,591 in the preceding year.



STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 4 8

Les statistiques suivantes ont trait au service des télégraphes du National-Canadien, du Pacifique-Canadien, des chemins de fer Northern-Alberta et Northern-Ontario, de la North-American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; elles se rapportent également aux opérations canadiennes du réseau de la Canadian Marconi et aux diverses compagnies ayant des services de transmission par câble au Canada.

Le réseau de la Western-Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme revenu. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant, le système employé à cette fin ne permet pas une séparation des messages; ceux-ci ne sont donc pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands lacs et le fleuve Saint-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

La Pacific Communications System, construite comme mesure de guerre en Colombie-Britannique continentale et l'île de Vancouver, relève maintenant du département des Télégraphes du Dominion. Le réseau national exploité par le Corps royal canadien des transmissions n'est pas compris dans le présent rapport.

Les recettes brutes des télégraphes et câbles s'élèvent à \$19,422,788 en 1948, soit une augmentation de \$908,263 ou de 4.9 p. 100 sur 1947, et atteignent un nouveau sommet; toutefois, les frais d'exploitation augmentent de \$2,932,606 ou de 16.9 p. 100 par suite de la hausse des salaires et du renchérisement des matériaux et s'établissent à \$20,292,402, en comparaison de \$17,359,796 l'année précédente. Le revenu net accuse le premier déficit depuis l'inauguration de la présente série de rapports annuels du Bureau en 1917. Le déficit de 1948 est de \$869,614, en comparaison des recettes nettes de \$1,154,729 en 1947, un déclin de quelque 2 millions de dollars. Le revenu corporat net diminue d'un profit de \$939,487 en 1947 à un déficit de \$1,468,824 en 1948. Apparemment, le tarif ne suffisait pas pour défrayer les frais d'exploitation et seulement 5 des 11 compagnies faisant rapport déclarent un revenu net en 1948. Le National-Canadien accuse une perte de \$827,427; le service du gouvernement, \$188,614; Marconi, \$161,136; et le Pacifique, \$311,671.

Les milles de fil augmentent de 3,837 milles durant l'année et s'établissent à 405,640 milles. Les télégrammes envoyés se chiffrent par 16,970,011 contre 16,595,980 l'année précédente, tandis que les télégrammes reçus des Etats-Unis diminuent de 348,337 pour s'établir à 2,043,457. Les câblogrammes diminuent régulièrement depuis le sommet de guerre en 1943 et s'établissent à 1,579,679, soit une baisse de 33,942 en comparaison de 1947. Les transferts d'argent atteignent un sommet de \$11,512,194 en 1948, contre \$10,988,591 l'année précédente.

Table 1  
Tableau 1

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1938	46,365,847	10,611,207	9,399,631	1,211,576	1,075,781
1939	46,881,182	10,474,489	9,297,902	1,176,587	936,253
1940	47,476,177	10,922,674	9,625,035	1,297,639	1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236
1942	49,192,861	14,826,431	11,925,417	2,901,014	5,341,193
1943	52,553,160	16,955,280	12,942,108	4,013,180	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946	63,910,009	17,997,728	16,028,900	1,968,826	1,509,519
1947	67,110,646	18,514,525	17,359,796	1,154,729	939,487
1948	71,120,585	19,422,788	20,232,402	Dr. 869,614	Dr. 1,468,824
Year Année		Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et gages
1938		52,408	373,283	6,347	\$ 8,205,518
1939		52,464	374,550	6,339	8,232,773
1940		52,396	380,318	6,588	8,700,861
1941		52,246	379,794	7,272	10,042,496
1942		52,418	381,953	7,544	11,424,268
1943		52,414	384,350	8,330	12,598,548
1944		52,414	387,677	8,050	13,634,064
1945		52,447	391,476	8,230	13,992,806
1946		x 52,523	400,981	8,603	15,566,309
1947		51,024	401,803	8,711	17,193,861
1948		50,958	405,640	9,093	20,289,617
Year Année		Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
		Sent (2) Envoyés (2)	Received from the United States Reçus des Etats-Unis		
1938		11,220,047	1,594,187	1,404,244	\$ 4,103,690
1939		10,783,271	1,679,641	1,492,389	3,539,988
1940		11,260,587	1,471,495	1,657,148	3,118,166
1941		12,689,124	1,592,446	2,251,979	3,868,040
1942		13,660,987	1,761,144	2,831,549	5,439,880
1943		14,766,198	1,703,366	3,013,752	7,677,080
1944		14,805,161	1,640,289	2,324,863	8,242,926
1945		15,758,247	1,908,657	2,192,173	8,006,128
1946		16,221,953	2,219,888	1,845,539	9,247,100
1947		16,595,980	2,391,794	1,613,621	10,988,591
1948		16,970,011	2,043,457	1,579,879	11,512,194

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

x - Revised.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

x - Révisé.



TELEGRAPH AND CABLE STATISTICS, 1948

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	27,121,854	27,523,795	9,250,000	424,185	17,958	413,511
<u>REVENUES</u>						
Commercial telegraph tolls	5,182,808	4,146,296	430,525	47,571	25,832	74,945
Telegraph tolls on cable messages	202,933	618,709	-	-	-	253
Press telegraph tolls	134,146	159,851	-	556	-	1,191
Money transfer tolls	117,761	60,058	-	72	1,091	2,992
Stock and commercial news revenue	21,873	37,954	-	-	-	-
Weather reports	23,072	17,869	-	-	-	425
Ticker rentals	327,681	85,156	-	-	-	-
Other telegraph transmission revenue	11,553	-	-	8,346	-	-
Telephone debits	Dr. 8,405	Dr. 10,012	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	1,455,897	2,484,528	-	-	812,122	48,845
Rents from other operated property	313,988	304,768	-	-	-	-
Money transfer premiums	63,410	31,707	-	40	-	-
Other non-transmission revenue	36,878	36,148	13,719	-	1,760	-
Total	7,873,598	7,972,832	444,244	56,587	840,805	128,649
<u>TABLE 3 - EXPENSES</u>						
Maintenance of line and equipment	2,180,631	2,715,031	239,777	-	1,286	35,855
Supervision of operations	532,662	585,511	20,228	2,269	-	1,098
Operators	2,206,682	1,460,816	294,003	15,168	24,221	21,821
Commissions	311,458	150,120	23,243	4,297	1,194	6,284
Other operating expenses	2,982,959	2,710,122	18,427	13,232	806,112	32,365
Salaries of gen'l officers & gen'l office clerks	120,936	186,651	25,298	-	6,160	12,647
General office expenses	17,786	28,824	-	-	610	1,996
General law expenses	1,473	1,413	-	-	-	-
Insurance	-	9,636	-	-	166	156
Other general expenses	107,124	165,627	11,882	-	2,638	-
Total	8,461,763	7,813,751	632,858	34,966	842,387	110,200
<u>TABLE 4 - INCOME</u>						
Net operating revenue	Dr. 588,165	159,081	Dr. 188,614	21,621	Dr. 1,582	18,449
Lease of plant and rents	20,000	-	-	-	-	-
Other income	139,061	-	-	-	5,215	-
Gross Income	Dr. 429,104	159,081	Dr. 188,614	21,621	3,633	18,449
Taxes	159,944	125,540	-	282	2,091	-
Rents payable	227,500	-	-	1,954	-	2,500
Interest on funded debt	-	-	-	-	-	-
Other deductions	10,879	-	-	-	711	-
Total deductions	398,323	125,540	-	2,236	2,802	2,500
Net income	Dr. 827,427	33,541	Dr. 188,614	19,585	851	16,149

(1) \$100,256 is a credit for maintenance expenses on through traffic.

x Includes manufacturing operations of company.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1948

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	<u>TABLERAU 2</u>
\$	\$	\$	\$	\$	\$	
3,271,872	1,750,248	728,346	18,816	300,000	71,120,585	<u>COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA</u>
(1)100,256	-	-	-	-	10,008,233	<u>RECETTES</u>
-	-	-	-	-	821,895	Droits sur télégrammes commerciaux
-	-	-	-	-	295,746	Droits des compagnies de télégraphe sur câblogrammes
-	-	-	-	-	171,974	Droits sur télégrammes officiels
-	-	-	-	-	59,827	Droits sur transferts d'argent
-	-	-	-	-	41,164	Messages financiers et commerciaux
-	-	-	-	-	412,837	Rapports météorologiques
-	-	-	-	-	19,902	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 18,417	Autres expéditions de câblogrammes
66,428	1,327,405	169,727	13,747	319,752	1,897,059	Débets téléphoniques
-	-	-	-	8,907	8,907	Droits sur câblogrammes commerciaux
-	-	-	-	76,659	76,659	Droits sur câblogrammes de la presse
-	-	2,560	-	-	4,803,952	Autres expéditions de câblogrammes
-	-	-	-	-	618,756	Loyer de lignes et de fils
-	-	-	-	-	95,157	Loyer sur autre propriété exploitée
20,632	-	-	-	-	109,137	Primes sur transferts d'argent
187,316	1,327,405	172,287	13,747	405,318	19,422,788	Autres revenus divers
						Total
						<u>TABLERAU 3 - DEPENSES</u>
21,497	430,611	65,895	101	179,753	5,868,417	Entretien des lignes et de l'outillage
16,399	-	-	-	-	958,167	Surveillance de l'exploitation
42,893	432,618	29,282	6,284	255,758	4,789,746	Opérateurs
5	-	-	-	-	496,601	Commissions
13,537	-	54,920	8,444	77,630	6,717,746	Autres dépenses d'exploitation
24,024	142,844	-	5,245	181,297	705,154	Salaires des officiers et des commis du siège social
-	-	-	-	-	49,216	Dépenses générales du siège social
18,152	-	-	-	-	21,038	Frais juridiques généraux
-	-	-	-	-	9,958	Assurance
107,402	256,019	21,868	1,248	22,551	676,359	Autres dépenses générales
243,909	1,242,292	171,965	21,322	716,989	20,292,402	Total
						<u>TABLERAU 4 - REVENU</u>
Dr. 56,593	85,113	322	Dr. 7,575	Dr. 311,671	Dr. 869,614	Recettes nettes d'exploitation
-	-	-	-	-	20,000	Location d'établissement et loyers
-	5,328,088	-	-	-	5,472,364	Autre revenu
Dr. 56,593	x 5,413,201	322	Dr. 7,575	Dr. 311,671	4,622,750	Revenu brut
1,175	39,659	Cr. 19,453	250	-	309,488	Taxes
4,064	-	-	-	-	235,818	Loyers à percevoir
-	-	-	-	-	-	Intérêt sur la dette fondée
-	5,534,678	-	-	-	5,546,268	Autres déductions
5,239	x 5,574,337	Cr. 19,453	250	-	6,091,574	Déductions totales
Dr. 61,832	Dr. 161,136	19,775	Dr. 7,825	Dr. 311,671	Dr. 1,468,824	Revenu net

(1) \$100,256 est un crédit pour les dépenses d'entretien sur les messages relayés.

x Comprend les opérations manufacturières de la compagnie.



TELEGRAPH AND CABLE STATISTICS, 1948

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
	No.	No.	No.	No.	No.	No.
<u>TABLE 5 - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	7,104,637	5,971,528	651,892	99,185	51,403	112,751
Press (Equated 30 words to message)	1,182,192	1,391,563	-	4,832	3,911	109
Money transfers	97,381	55,669	-	78	862	1,805
C.N.D. (Equated 30 words to message)	154,259	2,697	-	-	-	-
Total	8,538,469	7,421,457	651,892	104,095	56,176	114,645
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,421,047	426,079	-	-	49,093	4,619
Press (Equated 30 words to message)	85,312	12,046	-	-	1,327	40
Money transfers	34,895	3,416	-	-	797	140
C.N.D. (Equated 30 words to message)	4,148	498	-	-	-	-
Total	1,545,402	442,039	-	-	51,217	4,799
<u>TOTAL</u>						
Telegrams	8,525,684	6,397,607	651,892	99,185	100,496	117,550
Press (Equated 30 words to message)	1,267,504	1,403,609	-	4,832	5,238	149
Money transfers	132,276	59,085	-	78	1,659	1,945
C.N.D. (Equated 30 words to message)	158,407	3,195	-	-	-	-
Total	10,083,871	7,863,496	651,892	104,095	107,393	119,444
<u>TABLE 6 - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	150,872	363,681	-	-	-	-
Transferred to Canadian land lines	-	-	-	250	3,416	1,155
Transferred to foreign land lines	-	-	-	-	-	-
Transferred to wireless companies	-	109,781	-	-	24	-
Total	150,872	473,462	-	250	3,440	1,155
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	91,249	444,762	-	-	-	-
Transferred from Canadian land lines	-	-	-	433	5,056	1,550
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	91,880	-	-	359	-
Total	91,249	536,642	-	433	5,415	1,550
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>						
	8,547	-	-	-	-	-
Total all Messages handled at Canadian Stations (including duplications)	250,668	1,010,104	-	663	8,855	2,705
Total Cablegrams (excluding " )	242,121	1,010,104	-	663	8,855	2,705

- (1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
(2) Includes 3,286 commercial messages to and from ships in Nova Scotia.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1948

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	
-	(1) 83,277	-	-	-	14,074,653	<u>TABLEAU 5 - TELEGRAMMES TRANSMIS</u>
-	-	-	-	-	2,582,607	<u>ENVOYES</u>
-	-	-	-	-	155,795	Télégrammes
-	-	-	-	-	156,956	Presse (30 mots équivalent à un message)
-	83,277	-	-	-	16,970,011	Transferts d'argent
-	-	-	-	-	-	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	-	-	-	-	1,900,838	<u>RECUS DES ETATS-UNIS</u>
-	-	-	-	-	98,725	Télégrammes
-	-	-	-	-	39,248	Presse (30 mots équivalent à un message)
-	-	-	-	-	4,646	Transferts d'argent
-	-	-	-	-	2,043,457	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
-	(1) 83,277	-	-	-	15,975,491	<u>TOTAL</u>
-	-	-	-	-	2,681,332	Télégrammes
-	-	-	-	-	195,043	Presse (30 mots équivalent à un message)
-	-	-	-	-	161,602	Transferts d'argent
-	83,277	-	-	-	19,013,468	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	-	Total
113,357	-	-	-	-	627,910	<u>TABLEAU 6 - CABLOGRAMMES TRANSMIS</u>
-	-	-	-	-	4,801	<u>MESSAGES ENVOYES</u>
-	-	-	-	-	-	Transférés aux compagnies de câble
-	-	-	-	-	109,805	Transférés aux lignes de terre canadiennes
113,357	-	-	-	-	742,516	Transférés aux lignes continentales étrangères
-	-	-	-	-	-	Transférés aux compagnies de sans-fil
-	-	-	-	-	-	Total
67,149	-	-	-	-	603,160	<u>MESSAGES RECUS</u>
-	-	-	-	-	7,039	Transférés des compagnies de câble
-	-	-	-	-	-	Transférés des lignes de terre canadiennes
-	-	-	-	-	92,239	Transférés des lignes continentales étrangères
67,149	-	-	-	-	702,438	Transférés des compagnies de sans-fil
-	-	-	-	-	-	Total
-	114,778	136,524	31,063	193,660	476,025	<u>PROVENANT DU CANADA</u>
-	48,729	-	2,371	-	51,100	Reçus par lignes de terre
-	113,162	-	21,632	255,974	390,768	Reçus de l'expéditeur au bureau du câble
-	79,706	-	3,919	-	83,625	<u>ARRIVANT AU CANADA</u>
-	-	-	-	-	-	Transmis aux lignes de terre pour livraison
-	-	-	-	-	-	Transmis directement au destinataire
-	35,053	-	173,968	837,894	1,055,462	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u>
-	-	-	-	-	-	<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non compris ci-dessus)</u>
180,506	(2) 391,428	136,524	232,953	1,287,528	3,501,934	Total des messages passés par les stations canadiennes (y compris les répétitions)
180,506	128,455	-	6,290	-	1,579,679	Total des cablogrammes (moins les " )

(1) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.

(2) Comprend 3,286 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1948

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<u>TABLE 7 - MONEY TRANSFERS</u>							
<u>Money Transfers to -</u>							
United States	\$	422,532	153,683	-	-	35,037	-
United Kingdom	\$	5,210	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	427,742	153,683	-	-	35,037	-
<u>Money Transfers from -</u>							
United States	\$	3,349,358	481,048	-	-	-	-
United Kingdom	\$	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	4,428,831	2,613,968	-	3,746	18,781	-
Total	\$	7,778,189	3,095,016	-	3,746	18,781	-
<u>Money transfers to and from -</u>							
United States	\$	3,771,890	634,731	-	-	35,037	-
United Kingdom	\$	5,210	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	4,428,831	2,613,968	-	3,746	18,781	-
Total	\$	8,205,931	3,248,699	-	3,746	53,818	-
<u>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</u>							
Operators	No.	1,070	833	385	7	9	17
Other officers and employees	No.	3,056	2,790	235	18	11	80
Total	No.	4,126	3,623	620	25	20	(2) 97
Total Salaries and Wages	\$	(1)9,745,417	(1)8,309,476	482,152	(1)46,120	30,381	74,282
<u>Commissions paid -</u>							
To railway employees	\$	101,193	95,119	-	4,232	1,194	4,527
To other persons	\$	210,265	90,271	23,243	65	-	1,757
Total	\$	311,458	185,390	23,243	4,297	1,194	6,284
<u>TABLE 9 - NUMBER OF OFFICES</u>							
Number of offices at which telegrams or cablegrams are received and forwarded in Canada							
		2,273	1,733	524	55	15	30
Offices outside of Canada							
		4	8	2	-	-	-
Total		2,277	1,741	526	55	15	30

(1) Includes wages chargeable to railway operations.

(2) Includes 74 part-time employees.

(3) Includes 1,549 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1948

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
-	-	-	-	-	611,252	<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	5,210	<u>Transferts d'argent -</u>
-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	-	au Royaume-Uni
-	-	-	-	-	-	à d'autres pays étrangers
-	-	-	-	-	616,462	Total
-	-	-	-	-	3,830,406	<u>Transferts d'argent -</u>
-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	7,065,326	d'autres pays étrangers
-	-	-	-	-	10,895,732	entre stations canadiennes
-	-	-	-	-	-	Total
-	-	-	-	-	4,441,658	<u>Transferts d'argent -</u>
-	-	-	-	-	5,210	aux et des Etats-Unis
-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	-	à et d'autres pays étrangers
-	-	-	-	-	7,065,326	entre stations canadiennes
-	-	-	-	-	11,512,194	Total
40	164	9	2	80	2,616	<u>TABLEAU 8 - EMPLOYES - SALAIRES ET GAGES</u>
66	102	30	3	86	6,477	Opérateurs
106	266	39	5	166	(3) 9,093	Autres officiers et employés
292,455	683,486	113,246	14,932	497,670	20,289,617	Total
-	-	-	-	-	206,265	<u>Total des salaires et gages</u>
-	-	-	-	-	325,601	<u>Commissions payées -</u>
-	-	-	-	-	531,866	Aux employés de chemin de fer
-	-	-	-	-	-	A d'autres personnes
-	-	-	-	-	-	Total
5	14	1	1	3	4,654	<u>TABLEAU 9 - NOMBRE DE BUREAUX</u>
-	11	-	-	-	25	Nombre de bureaux au les câblogrammes
5	25	1	1	3	4,679	et les télégrammes sont reçus et
-	-	-	-	-	-	envoyés au Canada
-	-	-	-	-	-	Bureaux à l'étranger
-	-	-	-	-	-	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 74 employés à temps partiel

(3) Comprend 1,549 employées.



TELEGRAPH AND CABLE STATISTICS, 1948

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<u>TABLE 10 - WIRE MILEAGE IN CANADA</u>						
All Overhead Wires (not in cable)						
Copper	97,637	127,046	4,168	1,860	5	2,041
Iron	69,222	55,369	11,057	2,169	393	565
Wire in Cable (in service)	8,277	10,086	584	8	-	16
Total miles of wire in Canada	175,136	192,501	15,809	4,037	398	2,622
Total miles of wire outside of Canada	1,959	3,347	14	-	-	-
Total wire mileage	177,095	195,848	15,823	4,037	398	2,622
<u>MILES OF CABLE</u>						
Overhead	224	120	17	-	-	3
Underground	62	166	-	-	-	-
Submarine	16	138	184	-	-	-
Miles of cable in Canada	302	424	201	-	-	3
Miles of cable outside of Canada	1	2	-	-	-	-
Total	303	426	201	-	-	3
<u>MILES OF MULTIPLE CHANNELS</u>						
Carrier Current -						
Telegraph	218,674	251,822	-	407	-	-
Telephone	15,049	28,830	-	-	-	-
Automatic Printing Telegraph	118,286	160,564	-	-	-	-
Morse Duplex Telegraph	11,933	17,131	-	-	-	-
Simplex Telegraph	25,953	63,549	-	800	-	2,194
Total Channels in Canada	389,895	521,896	-	1,207	-	2,194
Channels outside of Canada	1,428	8,231	-	-	-	-
Total Channels	391,323	530,127	-	1,207	-	2,194
<u>MILES OF TELEPHONE SERVICE IN CANADA</u>						
Long Distance	16,153	16,437	-	305	-	11,584
Train Dispatching	14,278	11,810	-	495	-	756
Miles of telephone service outside of Canada	215	1,303	-	-	-	-
Miles of cable between Canadian stations	-	-	-	-	-	-
Miles of cable between Canadian & foreign stations	-	-	-	-	-	-
<u>TABLE 11 - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	22,339	17,220	7,457	920	-	574
Leased from another company (1)						
Telegraph company	843	808	-	1	46	-
Telephone company	102	174	108	5	382	-
Other companies	263	110	-	-	-	-
Pole line mileage outside of Canada	245	(2) 296	14	-	-	-

(1) Includes space leased and also sole use.

(2) Includes 65 miles leased from telegraph companies and 21 miles leased from other companies.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1948

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
						<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
6,541	-	-	-	-	239,098	Tout fil aérien (non en câble)
3,090	-	-	-	-	141,865	Cuivre
586	-	-	-	-	19,357	Fer
9,817	-	-	-	-	400,320	Fil en câble (en service)
-	-	-	-	-	5,320	Total milles de fil au Canada
9,817	-	-	-	-	405,640	Total milles de fil en dehors du Canada
						Total millage de fil
						<u>MILLES DE CABLE</u>
2	-	-	-	-	366	Aérien
19	-	-	-	-	247	Souterrain
6	-	-	-	-	344	Sous-marin
27	-	-	-	-	957	Milles de câble au Canada
-	-	-	-	-	3	Milles de câble en dehors du Canada
27	-	-	-	-	960	Total
						<u>MILLES DE CANALISATIONS MULTIPLES</u>
-	-	-	-	-	470,903	Courant porteur -
-	-	-	-	-	43,879	Télégraphe
-	-	-	-	-	278,850	Téléphone
-	-	-	-	-	29,064	Télétypographe automatique
-	-	-	-	-	92,496	Télégraphe morse double
-	-	-	-	-	915,192	Télégraphe simple
-	-	-	-	-	9,659	Canalisations globales au Canada
-	-	-	-	-	924,851	Canalisations hors du Canada
-	-	-	-	-		Canalisations globales
						<u>MILLES DE SERVICE TELEPHONIQUE AU CANADA</u>
-	-	-	-	-	44,479	Interurbain
-	-	-	-	-	27,339	Expédition de trains
-	-	-	-	-	1,518	Milles de service téléphonique en dehors du Canada
(5) 251	-	-	-	-	251	Milles de câble entre stations canadiennes
(5) 3,773	-	(5) 7,423	(5) 870	(5) 20,750	32,816	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
749	-	-	-	-	49,259	Occupées par le propriétaire
317	-	-	-	-	2,015	Louées d'une autre compagnie -
-	-	-	-	-	771	Compagnie de télégraphe
-	-	-	-	-	373	Compagnie de téléphone
-	-	-	-	-	555	Autres compagnies
-	-	-	-	-		Millage de ligne sur poteaux à l'étranger

(1) Comprend espace loué et usage exclusif.

(2) Comprend 65 milles loués de la compagnie de télégraphe et 21 milles loués d'autres compagnies.

(3) Milles nautiques.

TELEGRAPH AND CABLE STATISTICS, 1948

TABLE 12	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan
	Ile du Pr. Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba	Saskat- chewan
Pole line mileage	286	2,706	2,164	5,854	11,150	4,197	9,109
Wire mileage	956	17,884	18,969	50,870	136,433	32,298	51,173
Number of offices	38	226	140	800	1,391	322	677
Telegrams sent	116,050	1,050,858	686,112	3,400,708	6,131,983	1,238,711	745,337

TABLE 13 - MARCONI WIRELESS MESSAGES

	Year ended December 31 -		
	(2) Nova Scotia - Nouvelle Ecosse		(3) Quebec -
	1 9 4 8	1 9 4 7	1 9 4 8
Commercial messages sent to ships and stations	5,860	4,596	16,619
Commercial messages received from ships and stations	7,577	6,194	27,704
Messages sent to Government ships	1,185	892	2,020
Messages received from Government ships	264	170	1,560
Service messages sent to ships and stations	1,022	902	3,002
Service messages received from ships and stations	869	822	2,576
Government messages sent to stations	1,126	834	5,175
Government messages received from stations	6,670	6,566	7,491
Total (5)	24,573	20,976	66,147

TABLE 14 - VALUE OF WORK CARRIED OUT, 1948

TABLEAU 14 - VALEUR DE TRAVAUX EXECUTES, 1948

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction Nouvelle	Modifications, Entretien et Réparations	Total	
By company employees	4,201,699	2,809,476	7,011,175	Par les employés de la compagnie
By contractors	6,461	13,921	20,382	Par les entrepreneurs
Total	4,208,160	2,823,397	7,031,557	Total

- (1) Includes 1,144 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore radio-telephone traffic included in totals:

	1 9 4 8	1 9 4 7
Paid messages to ships .....	5,049	4,661
Paid messages from ships .....	26,438	23,679
Government messages to ships .....	1,661	1,725
Government messages from ships ...	43	6
Service messages to ships .....	42	6
Service messages from ships .....	154	10



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1948

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	TABLEAU 12
Alberta	Colombie Britannique	Yukon	Terre Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,285	7,110	562	14	541	-	(1) 50,958	Milles de ligne sur poteaux
43,778	47,397	562	14	5,306	-	405,640	Milles de fil
482	567	11	-	-	25	4,679	Nombre de bureaux
1,368,541	2,219,066	6,539	-	-	6,126	16,970,011	Télégrammes envoyés

- Année terminée le 31 décembre

Québec	Ontario		TABLEAU 13 - RADIOGRAMMES MARCONI
1947	1948	1947	
15,647	4,379	4,874	Messages commerciaux aux vaisseaux et aux stations
24,567	24,424	24,566	Messages commerciaux des vaisseaux et des stations
1,582	7,162	6,979	Messages aux vaisseaux du Gouvernement
1,487	562	474	Messages des vaisseaux du Gouvernement
2,305	883	831	Messages de service aux vaisseaux et aux stations
2,372	1,017	817	Messages de service des vaisseaux et des stations
4,350	586	516	Messages du Gouvernement aux stations
7,529	1,406	1,379	Messages du Gouvernement des stations
59,639	40,419	40,436	Total (5)

- (1) Comprend 1,144 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1948	1947
Messages payés envoyés aux vaisseaux .....	5,049	4,661
Messages payés envoyés des vaisseaux .....	26,438	23,679
Messages du gouvernement adressés aux vaisseaux ..	1,661	1,725
Messages de vaisseaux adressés au gouvernement ...	43	6
Messages de service envoyés aux vaisseaux .....	42	6
Messages de service envoyés des vaisseaux .....	154	10





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TRANSP & PUB-UTIL FILE 'T'

GOVERNMENT OF CANADA

**TELEGRAPH AND CABLE STATISTICS**

**FOR**

**1949**



DOMINION BUREAU OF STATISTICS  
DEPARTMENT OF TRADE AND COMMERCE

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Published by Authority of the Rt. Hon. C. D. Howe  
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Prepared in the Public Finance and Transportation Division,  
Dominion Bureau of Statistics, Ottawa

## TELEGRAPH AND CABLE STATISTICS

1 9 4 9

### Coverage

Statistics in this report now include those for the province of Newfoundland as well as the data for the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Ontario Northland Railways, the North American Telegraph Company which operates in the vicinity of Kingston, Ontario, the Dominion Government Telegraph Service which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the Western provinces up to the Yukon Territory and a small mileage in Ontario; also the Canadian operations of the Canadian Marconi Wireless system and of the several cable companies with stations in Canada. The Cable and Wireless, Limited, reporting for the first time, had operations at Harbour Grace, Newfoundland.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages through Canso, Nova Scotia, and Newfoundland, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi Company to and from vessels on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams, and the messages to and from vessels at sea and across the Atlantic Ocean have been included with cablegrams.

The Pacific Communications System constructed as a war measure on the mainland of British Columbia and on Vancouver Island is now a part of the Government Telegraph Service. The national network operated by the Royal Canadian Army Signal Corps is not included in this report.

### Review of 1949 Operations

The addition of Newfoundland operations naturally affects comparisons with data published for previous years and increases are shown in investment, pole line and wire mileage, offices, messages, revenues, expenses, etc. Gross telegraph and cable revenues totalled a record \$22,256,557 for 1949, an advance of 14.6 p.c. or \$2,833,769 over those reported for the preceding year and were more than double the 1939 total. Operating expenses increased \$1,770,541 or 8.7 p.c. to \$22,062,943 compared with \$20,292,402 in 1948. The first deficit in net revenues since annual reports were compiled in 1917 had appeared for 1948 but revenues exceeded operating expenses by \$193,614 in 1949, although after other charges net corporate income registered a debit of \$62,571 against a loss of \$1,468,824 one year earlier. Seven of the twelve companies reporting showed losses in net income account on the year's operations but the Canadian Pacific and Canadian Marconi companies made appreciable gains over 1948 tending to offset deficits shown by several other companies.

Cost of property and equipment was placed at \$76,248,953 at the end of 1949 compared with \$71,120,585 one year earlier. Telegrams sent totalled 18,099,644 against 6,970,011 in 1948 while the number received from the United States was down slightly at 963,434 compared to 2,043,457 for the preceding year. Cablegrams though still well below wartime volume amounted to 1,642,278 as against 1,579,879 in 1948 and the record 3,013,752 or 1943. Money transfers established a new record at \$12,469,348, up \$957,154 over the 1948 total.



STATISTIQUES DES TELEGRAPHES ET CABLES

1 9 4 9

Le présent rapport comprend maintenant les statistiques de Terre-Neuve, de même que les chiffres concernant les services télégraphiques des chemins de fer National-Canadien, Pacifique-Canadien, Northern-Alberta, et Ontario-Northland, de la North-American Telegraph Company qui fonctionne autour de Kingston (Ont.), du Service des télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; il traite également des opérations canadiennes du réseau de la Canadian-Marconi et des diverses compagnies ayant des services de transmission par câble au Canada. La Cable and Wireless Ltd., qui fait rapport pour la première fois, fonctionne à Havre-de-grâce (T.-N.).

Le réseau de la Western-Union Telegraph fonctionne à travers le sud-ouest de l'Ontario, mais ne fait pas d'affaires locales, et les dépenses d'exploitation sont aussi considérées comme étant des revenus. Il fait également le relai des messages transatlantiques de Canso (N.-E.) et de Terre-Neuve; cependant, comme le système employé à cette fin ne permet pas la séparation des messages, ceux-ci ne sont donc pas inclus dans le nombre de dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands lacs et le fleuve Saint-Laurent et les messages envoyés aux stations et reçus des stations sont classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique sont inclus avec les câblogrammes.

La Pacific Communications System, construite comme mesure de guerre en Colombie-Britannique continentale et à l'île de Vancouver, relève maintenant du Service des télégraphes du Dominion. Le réseau national exploité par le Corps royal canadien des transmissions n'est pas compris dans le présent rapport.

Revue des opérations en 1949

L'addition des opérations à Terre-Neuve influe évidemment sur les comparaisons avec les chiffres publiés les années précédentes. Il se produit des augmentations quant aux investissements, lignes sur poteaux et milles de fil, bureaux, messages, revenus, dépenses, etc. Les recettes brutes des télégraphes et câbles s'établissent au sommet de \$22,256,557 en 1949, soit une augmentation de 14.6 p. 100 ou de \$2,833,769 comparativement à celles déclarées l'année précédente; elles sont plus que le doubles des recettes enregistrées en 1939. Les dépenses d'exploitation gagnent \$1,770,541 ou 8.7 p. 100 pour s'établir à \$22,062,943, contre \$20,292,402 en 1948. Le premier déficit des revenus nets depuis l'origine des rapports annuels en 1917 s'est déclaré en 1948. Toutefois, en 1949, les recettes dépassent les dépenses d'exploitation de \$193,614, bien qu'après déductions d'autres charges, le revenu net corporatif accuse un débit de \$62,571 contre une perte de \$1,468,824 un an plus tôt. Sept des douze compagnies observées enregistrent des baisses du revenu net durant l'année, mais le Pacifique-Canadien et le Canadian-Marconi accusent des gains sensibles par rapport à 1948, ce qui tend à contre-balancer les déficits déclarés par plusieurs autres compagnies.

Le coût de la propriété et de l'outillage atteint \$76,248,953 à la fin de 1949, en comparaison de \$71,120,585 un an plus tôt. Le nombre de télégrammes envoyés est de 8,099,644 contre 16,970,011 en 1948, tandis que le nombre reçu des Etats-Unis diminue quelque peu à 1,963,434 de 2,043,457 l'année précédente. Les câblogrammes, encore bien inférieurs au volume enregistré durant la guerre, s'élèvent à 1,642,278 contre 1,579,679 en 1948 et le sommet de 3,013,752 en 1943. Les transferts monétaires touchent un nouveau sommet de \$12,469,348, soit une augmentation de \$957,154 au regard du total de 1948.

TELEGRAPH AND CABLE STATISTICS

STATISTIQUES DES TELEGRAPHES ET CABLES

Table 1  
Tableau 1

Year Année	Cost of property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1940	47,476,177	10,922,674	9,625,035	1,297,639	1,430,229
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,236
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,553,160	16,955,280	12,942,108	4,013,180	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946	63,910,009	17,997,726	16,028,900	1,968,826	1,509,519
1947	67,110,646	18,514,525	17,359,796	1,154,729	939,487
1948	71,120,585	19,422,788	20,292,402	Dr. 869,614	Dr. 1,468,824
1949	76,248,953	22,256,557	22,002,943	193,614	Dr. 62,571

  

Year Année	Pole Line Mileage Milles de Ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et Gages
1940	52,396	380,318	6,588	\$ 8,700,861
1941	52,246	379,794	7,272	10,042,496
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	12,598,548
1944	52,414	387,677	8,050	13,634,064
1945	52,447	391,476	8,230	13,992,806
1946	52,523	400,981	8,603	15,566,309
1947	51,024	401,803	8,711	17,193,861
1948	50,958	405,640	9,093	20,289,617
1949	52,535	413,759	9,555	21,689,856

  

Year Année	Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
	Sent (2) Envoyés (2)	Received from the United States Reçus des Etats-Unis		
1940	11,260,587	1,471,495	1,657,148	\$ 3,118,166
1941	12,689,124	1,592,446	2,251,979	3,868,040
1942	13,660,987	1,761,144	2,831,549	5,439,880
1943	14,766,198	1,703,366	3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926
1945	15,758,247	1,908,657	2,192,173	8,006,128
1946	16,221,953	2,219,888	1,845,539	9,247,100
1947	16,595,980	2,391,794	1,613,621	10,988,591
1948	16,970,011	2,043,457	1,579,679	11,512,194
1949	18,099,644	1,963,434	1,642,278	12,469,348

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1949

TABLE 2	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph
	\$	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	29,407,273	29,062,489	9,265,000	424,336	19,499	411,620	4,379,674
<u>REVENUES</u>							
Commercial telegraph tolls	6,143,394	4,521,618	530,248	57,274	28,879	81,945	(1) 102,596
Telegraph tolls on cable messages	249,973	620,170	-	-	-	291	-
Press telegraph tolls	148,187	170,233	-	578	-	1,519	-
Money transfer tolls	142,885	67,907	-	66	1,332	3,487	-
Stock and commercial news revenue	26,144	46,417	-	-	-	-	-
Weather reports	27,315	18,146	-	-	-	426	-
Ticker rentals	332,863	84,565	-	-	-	-	-
Other telegraph transmission revenue	49,421	-	-	10,241	-	-	-
Telephone debits	Dr. 17,883	Dr. 10,619	-	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-	124,395
Press cable tolls	-	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-	-
Rents from leased lines and wires	1,607,220	2,792,808	-	-	1,034,796	51,971	-
Rents from other operated property	384,758	460,181	-	-	-	-	-
Money transfer premiums	74,535	33,025	-	40	-	-	-
Other non-transmission revenue	76,843	49,056	28,521	-	1,416	-	89,331
Total	9,245,655	8,853,507	558,769	68,199	1,066,423	139,639	316,322
<u>TABLE 3 - EXPENSES</u>							
Maintenance of line and equipment	2,573,022	2,716,508	275,457	-	718	42,276	119,249
Supervision of operations	582,436	396,010	22,784	2,267	-	1,098	26,482
Operators	2,454,841	1,504,635	315,094	15,541	26,392	21,780	55,482
Commissions	486,364	159,052	24,966	5,072	751	7,761	19,473
Other operating expenses	3,113,632	2,728,492	17,910	13,632	1,029,106	28,561	26,471
Salaries of general officers and general office clerks	56,921	126,727	28,602	-	6,940	11,364	36,786
General office expenses	10,067	34,850	-	-	575	4,350	-
General law expenses	711	8,583	-	-	-	-	19,356
Insurance	-	6,651	-	-	179	154	2,167
Other general expenses	103,733	223,097	15,377	-	2,785	-	122,933
Total	9,381,727	7,904,585	700,190	36,512	1,067,446	117,344	428,399
<u>TABLE 4 - INCOME</u>							
Net operating revenue	Dr. 136,072	948,922	Dr. 141,421	31,687	Dr. 1,023	22,295	Dr. 112,077
Lease of plant and rents	20,000	-	-	-	-	-	-
Other income	141,683	-	-	-	5,235	-	-
Gross income	25,611	948,922	Dr. 141,421	31,687	4,212	22,295	Dr. 112,077
Taxes	185,247	135,722	-	293	2,394	-	31,517
Rents payable	231,860	-	-	2,564	-	3,123	6,221
Interest on funded debt	-	-	-	-	-	-	-
Other deductions	11,625	-	-	-	751	-	-
Total deductions	428,732	135,722	-	2,857	3,145	3,123	37,738
Net income	Dr. 403,121	813,200	Dr. 141,421	28,830	1,067	19,172	Dr. 149,815

(1) \$102,596 is a credit for maintenance expenses on through traffic.

(2) Includes manufacturing operations of company.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1949

Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Cable and Wireless Limited	Pacific Cable Board	TOTAL	TABLEAU 2
\$	\$	\$	\$	\$	\$	
1,704,174	1,200,072	18,816	56,000	300,000	76,248,953	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA
-	-	-	-	-	11,465,954	RECETTES
-	-	-	-	-	870,434	Droits sur télégrammes commerciaux
-	-	-	-	-	320,517	Droits des compagnies de télégraphe sur câblo-grammes
-	-	-	-	-	215,677	Droits sur télégrammes officiels
-	-	-	-	-	72,561	Droits sur transferts d'argent
-	-	-	-	-	45,887	Messages financiers et commerciaux
-	-	-	-	-	417,428	Rapports météorologiques
-	-	-	-	-	59,662	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 28,502	Autres expéditions de câblogrammes
1,312,680	242,788	12,156	1,005	347,135	2,040,159	Debits téléphoniques
-	-	-	-	9,083	9,083	Droits sur câblogrammes commerciaux
-	-	-	201	76,011	76,212	Droits sur câblogrammes de la presse
-	5,064	-	-	-	5,491,859	Autres expéditions de câblogrammes
-	-	-	-	-	844,939	Loyer de lignes et de fils
-	-	-	-	-	107,600	Loyer sur autre propriété exploitée
-	1,920	-	-	-	247,087	Primes sur transferts d'argent
1,312,680	249,772	12,156	1,206	432,229	22,256,557	Autres revenus divers
						Total
469,881	107,176	95	781	184,759	6,489,922	TABLEAU 3 - DEPENSES
-	-	-	-	-	1,031,077	Entretien des lignes et de l'outillage
454,963	94,068	8,149	12,984	278,461	5,242,390	Surveillance de l'exploitation
-	-	-	-	-	703,439	Opérateurs
-	101,751	10,405	2,699	82,694	7,155,353	Commissions
145,886	-	3,396	9,944	192,241	618,807	Autres dépenses d'exploitation
-	-	-	-	-	49,842	Salaires des officiers et des commis du siège social
-	-	-	-	-	28,650	Dépenses générales du siège social
-	-	-	-	-	9,131	Frais juridiques généraux
206,401	26,740	1,079	1,345	30,842	734,332	Assurance
1,277,131	329,735	23,124	27,753	768,997	22,062,943	Autres dépenses générales
						Total
35,549	Dr. 79,963	Dr. 10,968	Dr. 26,547	Dr. 336,768	193,614	TABLEAU 4 - REVENU
-	-	-	-	-	20,000	Recettes nettes d'exploitation
6,780,998	-	-	-	-	6,927,916	Location d'établissement et loyers
(2) 6,816,547	Dr. 79,963	Dr. 10,968	Dr. 26,547	Dr. 336,768	7,141,530	Autre revenu
44,163	29,136	250	-	-	428,722	Revenu brut
-	-	-	-	-	243,768	Taxes
-	-	-	-	-	-	Loyers à percevoir
6,519,235	-	-	-	-	6,531,611	Intérêt sur la dette fondée
(2) 6,563,398	29,136	250	-	-	7,204,101	Autres déductions
253,149	Dr. 109,099	Dr. 11,218	Dr. 26,547	Dr. 336,768	Dr. 62,571	Déductions totales
						Revenu net

(1) \$102,596 est un crédit pour les dépenses d'entretien sur les messages relayés.

(2) Comprend les opérations manufacturières de la compagnie.



TELEGRAPH AND CABLE STATISTICS, 1949

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph Company
	No.	No.	No.	No.	No.	No.	No.
<u>TABLE 5 - TELEGRAMS TRANSMITTED</u>							
<u>SENT</u>							
Telegrams	8,154,032	6,018,432	651,119	105,163	53,342	114,763	-
Press (Equated 30 words to message)	1,199,263	1,305,553	-	6,783	4,104	202	-
Money transfers	137,555	58,858	-	70	876	1,846	-
C.N.D. (Equated 30 words to message)	171,709	3,048	-	-	-	-	-
Total	9,662,559	7,385,891	651,119	112,016	58,322	116,811	-
<u>RECEIVED FROM THE UNITED STATES</u>							
Telegrams	1,354,007	408,759	-	-	50,140	4,621	-
Press (Equated 30 words to message)	81,449	17,425	-	-	1,541	7	-
Money transfers	31,934	3,672	-	-	960	120	-
C.N.D. (Equated 30 words to message)	8,131	668	-	-	-	-	-
Total	1,475,521	430,524	-	-	52,641	4,748	-
<u>TOTAL</u>							
Telegrams	9,508,039	6,427,191	651,119	105,163	103,482	119,384	-
Press (Equated 30 words to message)	1,280,712	1,322,978	-	6,783	5,645	209	-
Money transfers	169,489	62,530	-	70	1,836	1,966	-
C.N.D. (Equated 30 words to message)	179,840	3,716	-	-	-	-	-
Total	11,138,080	7,816,415	651,119	112,016	110,963	121,559	-
<u>TABLE 6 - CABLEGRAMS TRANSMITTED</u>							
<u>MESSAGES SENT</u>							
Transferred to cable companies	153,571	365,500	-	-	-	-	109,466
Transferred to Canadian land lines	-	-	-	226	3,224	1,281	-
Transferred to foreign land lines	-	-	-	-	-	-	-
Transferred to wireless companies	-	108,237	-	-	35	-	-
Total	153,571	473,737	-	226	3,259	1,281	109,466
<u>MESSAGES RECEIVED</u>							
Transferred from cable companies	94,931	402,779	-	-	-	-	68,625
Transferred from Canadian land lines	-	-	-	387	4,765	1,531	-
Transferred from foreign land lines	-	-	-	-	-	-	-
Transferred from wireless companies	-	104,637	-	-	410	-	-
Total	94,931	507,416	-	387	5,175	1,531	68,625
<u>ORIGINATED IN CANADA</u>							
Received from land lines	-	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>							
Delivered to land lines for delivery	-	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>							
7,188	-	-	-	-	-	-	-
Total all Messages handled at Canadian Stations (including duplications)	255,690	981,153	-	613	8,434	2,812	178,091
Total Cablegrams (excluding " ")	248,502	981,153	-	613	8,434	2,812	178,091

- (1) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
 (2) Includes 4,777 commercial messages to and from ships in Nova Scotia and Newfoundland.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1949

Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Cable and Wireless Limited	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	
(1)112,926	-	-	-	-	15,209,777	<u>TABLEAU 5 - TELEGRAMMES TRANSMIS</u> <u>ENVOYES</u> Télégrammes
-	-	-	-	-	2,515,905	Presse (30 mots équivalent à un message)
-	-	-	-	-	199,205	Transferts d'argent
-	-	-	-	-	174,757	Expédition de nouvelles commerciales (30 mots équivalent à un message)
112,926	-	-	-	-	18,099,644	Total
-	-	-	-	-	1,817,527	<u>RECUS DES ETATS UNIS</u> Télégrammes
-	-	-	-	-	100,422	Presse (30 mots équivalent à un message)
-	-	-	-	-	36,686	Transferts d'argent
-	-	-	-	-	8,799	Expédition de nouvelles commerciales (30 mots équivalent à un message)
-	-	-	-	-	1,983,434	Total
(1)112,926	-	-	-	-	17,027,304	<u>TOTAL</u> Télégrammes
-	-	-	-	-	2,616,327	Presse (30 mots équivalent à un message)
-	-	-	-	-	235,891	Transferts d'argent
-	-	-	-	-	183,556	Expédition de nouvelles commerciales (30 mots équivalent à un message)
112,926	-	-	-	-	20,063,078	Total
-	-	-	-	-	628,537	<u>TABLEAU 6 - CABLOGRAMMES TRANSMIS</u> <u>MESSAGES ENVOYES</u> Transférés aux compagnies de câble
-	-	-	-	-	4,731	Transférés aux lignes de terre canadiennes
-	-	-	-	-	-	Transférés aux lignes continentales étrangères
-	-	-	-	-	108,272	Transférés aux compagnies de sans-fil
-	-	-	-	-	741,540	Total
-	-	-	-	-	566,335	<u>MESSAGES RECUS</u> Transférés des compagnies de câble
-	-	-	-	-	6,683	Transférés des lignes de terre canadiennes
-	-	-	-	-	-	Transférés des lignes continentales étrangères
-	-	-	-	-	105,047	Transférés des compagnies de sans-fil
-	-	-	-	-	678,065	Total
112,298	195,529	31,029	-	189,015	527,871	<u>PROVENANT DU CANADA</u> Reçus par lignes de terre
54,862	37,347	2,378	982	-	95,369	Reçus de l'expéditeur au bureau du câble
134,498	210,506	28,315	-	202,942	576,261	<u>ARRIVANT AU CANADA</u> Transmis aux lignes de terre pour livraison
93,163	30,319	3,822	-	-	127,304	Transmis directement au destinataire
31,282	-	515,039	-	917,839	1,271,348	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u> <u>ET TRANSMIS AUX STATIONS CANADIENNES - (non</u> <u>compris ci-dessus)</u>
(2) 425,903	473,701	380,583	982	1,309,796	4,017,758	Total des messages passés par les stations canadiennes (y compris les répétitions)
147,825	67,666	6,200	982	-	1,642,278	Total des câblogrammes (moins les répétitions)

(1) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.

(2) Comprend 4,777 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse et Terre Neuve.

TELEGRAPH AND CABLE STATISTICS, 1949

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway
<u>TABLE 7 - MONEY TRANSFERS</u>							
<u>Money Transfers to -</u>							
United States	\$	412,706	218,202	-	-	36,328	-
United Kingdom	\$	7,251	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	419,957	218,202	-	-	36,328	-
<u>Money Transfers from-</u>							
United States	\$	2,670,145	355,908	-	-	-	-
United Kingdom	\$	191	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	5,835,466	2,706,901	-	3,786	22,464	-
Total	\$	8,705,802	3,062,809	-	3,786	22,464	-
<u>Money Transfers to and from-</u>							
United States	\$	3,282,851	574,110	-	-	36,328	-
United Kingdom	\$	7,442	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	5,835,466	2,706,901	-	3,786	22,464	-
Total	\$	9,125,759	3,281,011	-	3,786	58,792	-
<u>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</u>							
Operators	No.	1,174	803	387	7	9	17
Other Officers and employees	No.	3,240	2,843	242	19	10	105
Total	No.	4,414	3,646	629	26	19	(2) 122
Total Salaries and Wages	\$	1/10,530,327	1/8,585,208	509,601	1/50,222	33,332	68,730
<u>Commissions paid -</u>							
To railway employees	\$	106,612	98,095	-	5,041	751	4,883
To other persons	\$	379,752	96,315	24,967	31	-	2,876
Total	\$	486,364	194,410	24,967	5,072	751	7,761
<u>TABLE 9 - NUMBER OF OFFICES</u>							
Number of offices at which telegrams or cablegrams are received and forwarded in Canada							
		2,875	1,740	524	55	15	30
Offices outside of Canada							
		5	8	-	-	-	-
Total		2,880	1,748	524	55	15	30

1/ Includes wages chargeable to railway operations

(2) Includes 100 part-time employees.

(3) Includes 1,661 female employees

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1949

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Cable and wireless Limited	Pacific Cable Board	TOTAL	
-	-	-	-	-	-	667,236	<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	-	7,251	<u>Transferts d'argent</u>
-	-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	-	-	au Royaume-Uni
-	-	-	-	-	-	-	à d'autres pays étrangers
-	-	-	-	-	-	674,487	Total
-	-	-	-	-	-	3,226,053	<u>Transferts d'argent</u>
-	-	-	-	-	-	191	des Etats Unis
-	-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	-	-	d'autres pays étrangers
-	-	-	-	-	-	8,568,617	entre stations canadiennes
-	-	-	-	-	-	11,794,861	Total
-	-	-	-	-	-	3,893,289	<u>Transferts d'argent</u>
-	-	-	-	-	-	7,442	aux et des Etats-Unis
-	-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	-	-	à et d'autres pays étrangers
-	-	-	-	-	-	8,568,617	entre stations canadiennes
-	-	-	-	-	-	12,469,348	Total
62	163	25	2	4	78	2,731	<u>TABLEAU 8 - EMPLOYES - SALAIRES ET GAGES</u>
113	104	55	3	4	86	6,824	Opérateurs
175	267	80	5	8	164	(3) 9,555	Autres officiers et employés
349,391	739,446	239,386	12,241	24,273	547,699	21,689,856	Total
-	-	-	-	-	-	215,382	<u>Commissions payées -</u>
1	-	-	-	-	-	503,944	Aux employés de chemin de fer
1	-	-	-	-	-	719,326	A d'autres personnes
-	-	-	-	-	-	-	Total
6	25	2	1	1	1	5,275	<u>TABLEAU 9 - NOMBRE DE BUREAUX</u>
-	-	-	-	-	-	13	Nombre de bureaux au les câblogrammes
6	25	2	1	1	1	5,275	et les télégrammes sont reçus et
-	-	-	-	-	-	-	envoyés au Canada
6	25	2	1	1	1	5,288	Bureaux à l'étranger
-	-	-	-	-	-	-	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 100 employés à temps partiel.

(3) Comprend 1,661 employées.



TELEGRAPH AND CABLE STATISTICS, 1949

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph Company
<u>TABLE 10- WIRE MILEAGE</u>							
All overhead Wires not in Cable -							
Copper	101,981	128,329	4,168	1,860	2	2,041	5,508
Iron	71,777	55,135	11,089	2,169	387	565	3,319
Wire in cable (in service)	9,021	9,856	584	8	-	16	643
Total miles of wire in Canada	182,779	193,320	15,841	4,037	389	2,622	9,470
Total miles of wire outside of Canada	1,952	3,349	-	-	-	-	-
Total wire mileage	184,731	196,669	15,841	4,037	389	2,622	9,470
<u>Miles of Cable</u>							
Overhead	244	128	19	-	-	3	54
Underground	64	169	-	-	-	-	137
Submarine	16	138	184	-	-	-	17
Miles of Cable in Canada	324	435	203	-	-	3	208
Miles of Cable outside of Canada	1	2	-	-	-	-	-
Total	325	437	203	-	-	3	208
<u>Miles of Multiple Channels</u>							
Carrier Current-							
Telegraph	293,515	143,741	-	407	-	-	-
Telephone	22,320	26,946	-	-	-	-	-
Automatic Printing Telegraph	129,815	175,211	-	-	-	-	-
Morse Duplex Telegraph	14,061	15,428	-	-	-	-	-
Simplex Telegraph	27,354	53,980	-	800	-	2,194	-
Total channels in Canada	487,065	425,305	-	1,207	-	2,194	-
Channels outside of Canada	1,480	13,604	-	-	-	-	-
Total Channels	488,545	438,910	-	1,207	-	2,194	-
<u>Miles of Telephone Service in Canada</u>							
Long distance	25,182	12,791	-	305	-	11,793	-
Train dispatching	14,293	11,775	-	495	-	755	-
Miles of Telephone Service outside of Canada	216	704	-	-	-	-	-
Miles of Cable between Canadian Stations	-	-	-	-	-	-	-
Miles of Cable between Canadian and foreign stations	-	-	-	-	-	-	(3)22,973
<u>TABLE 11 - POLE LINE MILEAGE</u>							
Owned by respondent	23,514	17,228	7,471	920	-	566	703
<u>Leased from another company (1)</u>							
Telegraph Company	797	807	-	9	46	-	446
Telephone Company	126	162	-	5	345	-	-
Other companies	844	110	-	-	-	-	-
Pole line mileage outside of Canada	245	(2)296	-	-	-	-	-

(1) Includes space leased and also sole use.

(2) Includes 65 miles leased from telegraph companies and 21 miles leased from other companies.

(3) Nautical miles.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1949

Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Cable and Wireless Limited	Pacific Cable Board	Total	
-	-	-	-	-	243,889	<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
-	-	-	-	-	144,441	Tout fil aérien (non en câble)-
-	-	-	-	-	20,128	Cuivre
-	-	-	-	-	408,458	Fer
-	-	-	-	-	5,301	Fil en câble (en service)
-	-	-	-	-	413,759	Total milles de fil au Canada
-	-	-	-	-		Total milles de fil en dehors du Canada
-	-	-	-	-		Total millage de fil
-	-	-	-	-	448	<u>Milles de câble</u>
-	-	-	-	-	370	Aérien
-	-	-	-	-	355	Souterrain
-	-	-	-	-	1,173	Sous-marin
-	-	-	-	-	3	Milles de câble au Canada
-	-	-	-	-	1,176	Milles de câble en dehors du Canada
-	-	-	-	-		Total
-	-	-	-	-	437,663	<u>Milles de Canalisations Multiples</u>
-	-	-	-	-	49,266	<u>Courant porteur-</u>
-	-	-	-	-	305,026	Télégraphe
-	-	-	-	-	29,489	Téléphone
-	-	-	-	-	94,328	Télétypographe automatique
-	-	-	-	-	915,772	Télégraphe Morse double
-	-	-	-	-	15,084	Télégraphe simple
-	-	-	-	-	930,856	Canalisations globales au Canada
-	-	-	-	-		Canalisations hors du Canada
-	-	-	-	-		Canalisations globales
-	-	-	-	-	50,071	<u>Milles de Service Téléphonique au Canada</u>
-	-	-	-	-	27,318	Interurbain
-	-	-	-	-	920	Expédition de trains
-	-	-	-	-		Milles de Service Téléphonique en dehors du Canada
-	(5) 1,111	-	-	-	1,111	Milles de câble entre stations canadiennes
-	(3) 16,181	(3) 870	(3) 2,206	(3) 20,750	62,980	Milles de câble entre stations canadiennes et étrangères
-	-	-	-	-	50,402	<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
-	-	-	-	-	2,105	Occupées par le propriétaire
-	-	-	-	-	638	<u>Louées d'une autre compagnie(1)</u>
-	-	-	-	-	954	Compagnie de télégraphe
-	-	-	-	-	541	Compagnie de téléphone
-	-	-	-	-		Autres compagnies
-	-	-	-	-		Millage de ligne sur poteaux à l'étranger

(1) Comprend espace loué et usage exclusif

(2) Comprend 65 milles loués de la compagnie de télégraphe et

21 milles loués d'autres compagnies

(3) Milles nautiques

TELEGRAPH AND CABLE STATISTICS, 1949

<u>TABLE 12</u>	New- foundland Terre Neuve	Prince Edward Island Ile du Pr. Edouard	Nova Scotia Nouvelle Ecosse	New Brunswick Nouveau Brunswick	Quebec Québec	Ontario Ontario	Manitoba Manitoba
Pole line mileage	1,437	286	2,427	2,170	5,833	11,076	4,193
Wire mileage	6,678	956	18,076	18,828	50,697	137,291	32,687
Number of offices	584	38	223	135	791	1,416	329
Telegrams sent	769,963	120,409	1,020,644	689,583	3,637,839	6,175,255	1,240,343

<u>TABLE 13 - MARCONI WIRELESS MESSAGES</u>	Year ended December 31 -			
	Newfoundland - Terre Neuve		(2) Nova Scotia - Nouvelle Ecosse	
	1 9 4 9	1 9 4 8	1 9 4 9	1 9 4 8
Commercial messages sent to ships and stations	16,166	14,377	5,433	5,860
Commercial messages received from ships and stations	15,776	14,611	8,015	7,577
Messages sent to Government ships	587	2	1,606	1,185
Messages received from Government ships	87	30	235	264
Service messages sent to ships and stations	2,840	2,087	1,134	1,022
Service messages received from ships and stations	2,415	1,611	995	869
Government messages sent to stations	326	222	1,248	1,126
Government messages received from stations	479	1,236	6,558	6,670
Total (5)	38,676	34,176	25,224	24,573

<u>TABLE 14 - VALUE OF WORK CARRIED OUT, 1949</u>				<u>TABLEAU 14 - VALEUR DE TRAVAUX EXECUTES, 1949</u>
	New Construc- tion	Alteration and Maintenance Repair Work	Total	
	Construc- tion Nouvelle	Modifications, Entretien et Réparations	Total	
By company employees	3,575,374	2,908,760	6,484,134	Par les employés de la compagnie
By contractors	13,804	16,250	30,054	Par les entrepreneurs
Total	3,589,178	2,925,010	6,514,188	Total

(1) Includes 1,592 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.

(2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.

(5) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.

(4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

(5) Ship to Shore radio-telephone traffic included in totals:

	1 9 4 9	1 9 4 8
Paid messages to ships .....	3,707	5,049
Paid messages from ships .....	21,759	26,438
Government messages to ships .....	1,479	1,661
Government messages from ships ...	-	43
Service messages to ships .....	312	42
Service messages from ships .....	7	154

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1949

Saskat- chewan	Alberta	British Columbia	Yukon	United States	Total	<u>TABLEAU 12</u>
Saskat- chewan	Alberta	Colombie Britannique	Yukon	Etats Unis	Total	
9,123	7,287	7,600	562	541	(1) 52,535	Milles de ligne sur poteaux
51,322	43,846	47,507	570	5,301	413,759	Milles de fil
676	491	581	11	13	5,288	Nombre de bureaux
740,457	1,411,487	2,282,246	5,988	5,430	18,099,644	Télégrammes envoyés

- Année terminée le 31 décembre

(3) Quebec - Québec		(4) Ontario		<u>TABLEAU 13 - RADIOGRAMMES MARCONI</u>
1 9 4 9	1 9 4 8	1 9 4 9	1 9 4 8	
16,902	16,619	4,186	4,379	Messages commerciaux aux vaisseaux et aux stations
28,291	27,704	22,954	24,424	Messages commerciaux des vaisseaux et des stations
1,152	2,020	5,783	7,162	Messages aux vaisseaux du Gouvernement
1,186	1,560	509	562	Messages des vaisseaux du Gouvernement
3,092	3,002	1,159	883	Messages de service aux vaisseaux et aux stations
2,878	2,576	825	1,017	Messages de service des vaisseaux et des stations
5,915	5,175	630	586	Messages du Gouvernement aux stations
9,323	7,491	1,694	1,406	Messages du Gouvernement des stations
68,739	66,147	37,720	40,419	Total (5)

(1) Comprend 1,522 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.

(2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.

(3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.

(4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.

(5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1 9 4 9	1 9 4 8
Messages payés envoyés aux vaisseaux .....	3,707	5,049
Messages payés envoyés des vaisseaux .....	21,759	26,438
Messages du gouvernement adressés aux vaisseaux ...	1,479	1,661
Messages de vaisseaux adressés au gouvernement ....	-	43
Messages de service envoyés aux vaisseaux .....	312	42
Messages de service envoyés des vaisseaux .....	7	154





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TRANSP & PUB-UTIL FILE 'T'

GOVERNMENT OF CANADA

TELEGRAPH AND CABLE STATISTICS  
FOR  
1950



UNIVERSITY OF TORONTO  
DEPT. OF POLITICAL ECONOMY

**DOMINION BUREAU OF STATISTICS**  
**DEPARTMENT OF TRADE AND COMMERCE**

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## TELEGRAPH AND CABLE STATISTICS

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The principal change in the composition of this annual report was the inauguration of a new Crown Corporation - "Canadian Overseas Telecommunication Corporation" which was sanctioned by Parliament in 1949 to establish public ownership and consolidation of the radio and cable systems in line with recommendations of the Commonwealth Telegraphs Conference held in Australia, 1942. On April 1, the C.O.T.C. took over the operations and external telecommunications assets in Canada of the Halifax and Bermudas Cable Company, the Pacific Cable Board, the Cable and Wireless Ltd., and the Canadian Marconi Company. Expropriation proceedings against the last two were initiated June 7th. The employees of the predecessor companies were taken over by the Corporation. Total assets were listed at \$3,436,780 at the end of 1950. Financial data shown for the companies taken over by the C.O.T.C. cover only the first three months of the year while Corporation statistics are for the nine months, April to December. The Corporation operates the Canadian terminals of cables across the Atlantic and Pacific and with the West Indies through Bermuda. Radio-telegraph services are provided between Montreal and the United Kingdom, Australia, Barbados, New York, St. Pierre and Miquelon and radiotelephone links with and via the United Kingdom and the West Indies. Overseas messages (January - March) of the companies absorbed by the C.O.T.C. are included in the total for the Corporation which thus covers the full year.

### Review of 1950 Results

Gross telegraph and cable revenues for the year reached a new record of \$23,922,225, a gain of \$1,665,668 or 7.5 p.c. over those reported for 1949. Newfoundland data were included for both years. The 1950 revenues were 2.2 times those of 1940. Operating expenses advanced from \$22,062,943 to \$22,545,625, up \$482,682 or 2.2 p.c. Net revenues thus recovered sharply from \$193,614 in 1949 to \$1,376,600 in the year under review. A considerable revision of the classifications of telegrams and tariffs took place in 1950 by the Canadian Overseas Telecommunication Corporation. Special half price "Government" rates were withdrawn on service to the British Isles, New Zealand and Australia and this helped revenues. Net corporate income for all telegraph and cable companies recovered from a deficit of \$62,571 in 1949 to a credit of \$853,015 in 1950. The loss in 1948 had been \$1,468,824 whereas sizeable corporate income had been earned for all previous years back to 1934. The Canadian National and Canadian Pacific Telegraph services reported decided improvement in net income over 1949 with the former showing a net of \$232,368 against a deficit of \$403,121 one year earlier. Cost of property and equipment rose from \$76,248,953 to \$82,295,908 at the end of 1950, as new construction to the value of some \$4,049,000 was carried out during the year, and alteration and repair work of nearly \$2,866,000.

Telegrams sent increased to a record 18,519,584, up some 420,000 over 1949, while the number received from the United States was nearly maintained at 1,958,191 compared with 1,963,434 one year earlier. Cablegrams totalled 1,687,721 or 45,443 above 1949. Current totals, however, are well below wartime volume with the peak of 3,013,752 attained in 1943. Money transfers were a new high at \$12,733,989 - more than 4 times the amount transferred in 1940 - and \$264,641 above 1949.

Employees of the reporting companies numbered 9,757 and earned \$22,299,246 in salaries and wages, or an average of \$2,285.46 compared with 9,555 earning \$21,689,856 in 1949. The nine-day rail strike in August had an adverse effect on business. Telegraph employees were accorded the wage increase and granted a five-day work-week effective June 1, 1951.

Pole line mileage at the year end was nearly 52,000 miles while wire mileage approached 415,000 miles.



STATISTIQUE DES TELEGRAPHES ET CABLES

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Depuis la publication du précédent rapport, l'événement principal a été la création, par le Parlement, en 1949, d'une nouvelle société de la Couronne, la "Société canadienne des télécommunications transmarines" dont l'objet est d'étatiser et de fusionner les réseaux de télégraphes et de câbles conformément aux recommandations de la Conférence du Commonwealth sur les télégraphes tenue en Australie en 1942. Le 1er avril, la Société se chargeait de l'exploitation et s'appropriait les biens situés au Canada et servant au service de télécommunications extérieures des compagnies suivantes: Halifax and Bermudas Cable Company, Pacific Cable Board, Cable and Wireless Limited, et Canadian Marconi Company. Des procédures d'expropriation contre les deux dernières compagnies commençaient le 7 juin. La Société a gardé à son service les employés des anciennes compagnies. A la fin de 1950, la valeur totale des biens s'établissait à \$3,436,780. Les chiffres de l'état financier des compagnies absorbées par la Société ne couvrent que les trois premiers mois de l'année, alors que la statistique de la Société portent sur les neuf derniers mois, soit avril-décembre. La Société exploite les terminus canadiens des câbles transatlantique et transpacifique, et des câbles des Antilles, en passant par les Bermudes. Il existe des services de radio-télégraphie entre Montréal et le Royaume-Uni, l'Australie, les Barbades, New-York, Saint-Pierre et Miquelon, de même que des réseaux radiotéléphoniques avec et via le Royaume-Uni et les Antilles. Les messages expédiés outre-mer (de janvier à mars) par les compagnies absorbées par la Société sont compris dans le total des messages expédiés par la Société et portent ainsi sur l'année entière.

Revue de l'activité de 1950

Les recettes brutes des télégraphes et câbles atteignent au cours de l'année un nouveau sommet de \$23,922,225, - augmentation de \$1,665,668 ou de 7.5 p. 100 au regard des recettes déclarées en 1949. Les chiffres de Terre-Neuve sont compris pour chacune des années. Les recettes de 1950 sont de 2.2 fois supérieures à celles de 1940. Les frais d'exploitation passent de \$22,062,943 à \$22,545,625, - augmentation de \$482,682 ou de 2.2 p. 100. Le revenu net bondit donc de \$193,614 en 1949 à \$1,376,600 au cours de l'année observée. La Société canadienne des télécommunications transmarines a fait en 1950 d'importants changements dans le classement des télégrammes et tarifs. On a aboli le demi tarif dont jouissait le Gouvernement sur les réseaux reliant le Canada aux Iles-Britanniques, à la Nouvelle-Zélande, et à l'Australie, et cette mesure a contribué à hausser les recettes. Le revenu corporatif net de toutes les compagnies de télégraphe et de câble transforme, en 1950, en un crédit de \$853,015 le déficit de 1949 (\$62,571). En 1948, les compagnies enregistraient une perte de \$1,468,824, alors qu'en remontant jusqu'à 1934, elles avaient enregistré des gains corporatifs d'importance chaque année. Les services télégraphiques du National-Canadien et du Pacifique-Canadien signalent des augmentations du revenu net au regard de 1949, le premier enregistrant un revenu net de \$232,368, au regard d'un déficit de \$403,121 un an auparavant. Le coût des biens et de l'équipement passe de \$76,248,953 en 1949, à \$82,295,908 à la fin de 1950, de nouvelles constructions d'une valeur de \$4,049,000 ayant été élevées au cours de l'année, et des travaux de modifications et de réparations d'une valeur de près de \$2,866,000 ayant été effectués.

Le nombre de télégrammes expédiés atteint le chiffre sans précédent de 18,519,584, soit environ 420,000 de plus qu'en 1949, le nombre de télégrammes reçus des Etats-Unis demeure à peu près la même, soit 1,958,191, en comparaison de 1,963,434 l'année précédente. Le nombre de câblogramme s'élève à 1,687,721, soit 45,443 de plus qu'en 1949. Le total est cependant bien inférieur au sommet du temps de guerre atteint en 1943 (3,013,752). Les transferts monétaires atteignent le nouveau sommet de \$12,733,989, - plus de quatre fois le montant de 1940, - et supérieur de \$264,641 au montant de 1949.

Les compagnies faisant rapport emploient 9,757 personnes gagnant \$22,299,246, ou une moyenne de \$2,285.46 en comparaison de 9,555 gagnant \$21,689,856 en 1949. La grève du chemin fer de neuf jours, en août, a nui aux affaires. Les employés des télégraphes ont obtenu une augmentation de salaire, et depuis le 1er juin, ils jouissent de la semaine de cinq jours.

A la fin de l'année, les milles de lignes sur poteau s'établissent à près 52,000 milles, alors que les milles de fil atteignent près de 415,000 milles.

TABLE 1

TELEGRAPH AND CABLE STATISTICS

TABLÉAU 1

STATISTIQUES DES TÉLÉGRAPHES ET CABLES

Year Année	Cost of property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1941	48,382,092	12,777,920	10,878,222	1,899,698	2,160,235
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,553,160	16,955,280	12,942,108	4,013,180	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946	63,910,009	17,997,726	16,028,900	1,968,826	1,509,519
1947	67,110,646	18,514,525	17,359,796	1,154,729	939,487
1948	71,120,585	19,422,788	20,292,402	Dr. 869,614	Dr. 1,468,824
1949	76,248,953	22,256,557	22,062,943	193,614	Dr. 62,571
1950	82,295,908	23,922,225	22,545,625	1,376,600	853,015

  

Year Année	Pole Line Mileage Milles de Ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et Gages
				\$
1941	52,246	379,794	7,272	10,042,496
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	12,598,548
1944	52,414	387,677	8,050	13,634,064
1945	52,447	391,476	8,230	13,992,806
1946	52,523	400,981	8,603	15,566,309
1947	51,024	401,803	8,711	17,193,861
1948	50,958	405,640	9,093	20,289,617
1949	52,535	413,759	9,555	21,689,856
1950	51,999	414,943	9,757	22,299,246

  

Year Année	Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
	Sent (2) Envoyés (2)	Received from The United States Reçus des Etats-Unis		\$
1941	12,689,124	1,592,446	2,251,979	3,868,040
1942	13,660,987	1,761,144	2,831,549	5,439,880
1943	14,766,198	1,703,366	3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926
1945	15,758,247	1,908,657	2,192,173	8,006,128
1946	16,221,953	2,219,888	1,845,539	9,247,100
1947	16,595,980	2,391,794	1,613,621	10,988,591
1948	16,970,011	2,043,457	1,579,679	11,512,194
1949	18,099,644	1,963,474	1,642,278	12,469,348
1950	18,519,584	1,958,191	1,687,721	12,733,989

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radio-grammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.



TELEGRAPH AND CABLE STATISTICS, 1950

TABLE 2	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company (5)
	\$	\$	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	32,202,146	30,236,610	9,265,000	511,540	19,407	438,256	4,286,743	(6) 1,565,211
<u>REVENUES</u>								
Commercial telegraph tolls	6,910,030	4,899,642	624,321	67,300	29,255	89,361	(1) 89,972	-
Telegraph tolls on cable messages	224,616	618,582	-	-	-	307	-	-
Press telegraph tolls	141,126	170,736	-	377	-	1,966	-	-
Money transfer tolls	160,107	69,598	-	105	1,274	3,406	-	-
Stock and commercial news revenue	33,846	55,613	-	-	-	-	-	-
Weather reports	37,041	18,565	-	-	-	354	-	-
Ticker rentals	347,499	92,879	-	-	-	-	-	-
Other telegraph transmission revenue	16,691	-	-	10,414	-	-	-	-
Telephone debits	Dr. 33,476	Dr. 11,759	-	-	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-	65,160	191,457
Press cable tolls	-	-	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-	-	-
Rents from leased lines and wires	2,001,085	3,000,189	-	-	1,239,593	52,442	-	-
Rents from other operated property	478,287	427,198	-	-	-	-	-	-
Money transfer premiums	77,322	32,301	-	74	-	-	-	-
Other non-transmission revenue	162,261	49,096	32,685	-	904	-	92,249	-
Total	10,556,435	9,422,640	657,006	78,270	1,271,026	147,836	245,381	191,457
<u>TABLE 3 - EXPENSES</u>								
Maintenance of line and equipment	2,774,541	2,660,443	303,003	-	757	49,544	137,297	105,557
Supervision of operations	605,562	503,591	28,654	2,253	-	1,098	28,918	-
Operators	2,584,707	1,823,063	359,691	16,405	27,724	24,949	45,238	265,609
Commissions	541,203	198,398	29,214	5,771	1,671	7,564	-	-
Other operating expenses	3,291,229	2,474,595	19,200	14,917	1,229,594	29,537	24,596	-
Salaries of general officers and general office clerks	53,739	185,534	32,452	-	7,136	11,506	28,919	59,160
General office expenses	9,926	28,920	-	-	669	4,530	-	-
General law expenses	275	13,227	-	-	-	-	19,978	-
Insurance	-	7,311	-	-	155	158	-	-
Other general expenses	110,318	196,755	16,375	-	2,920	-	115,375	-
Total	9,971,498	8,091,837	788,589	39,346	1,270,626	128,866	400,321	430,326
<u>TABLE 4 - INCOME</u>								
Net operating revenue	584,937	1,330,803	Dr. 131,583	38,924	400	18,970	Dr. 154,940	Dr. 238,869
Lease of plant and rents	6,667	-	-	-	-	-	-	-
Other income	148,202	-	-	-	5,224	-	-	-
Gross income	739,806	1,330,803	Dr. 131,583	38,924	5,624	18,970	Dr. 154,940	Dr. 238,869
Taxes	201,698	152,717	-	309	3,178	-	5,294	-
Rents payable	289,065	-	-	2,797	-	3,227	4,653	-
Interest on funded debt	-	-	-	-	-	-	-	-
Other deductions	16,675	-	-	-	778	-	-	-
Total deductions	507,438	152,717	-	3,106	3,956	3,227	9,947	-
Net income	232,368	1,178,086	Dr. 131,583	35,818	1,668	15,743	Dr. 164,887	Dr. 238,869

(1) \$89,972 is a credit for maintenance expenses on through traffic.

(2) Amount chargeable to Commonwealth Telecommunications Board - (Operating expenses \$594,380; General expenses \$112,415).

(3) Report of Canadian Marconi Company covers their overseas telecommunications services from January 1 to March 31, at which time they were taken over by the Canadian Overseas Telecommunication Corporation; and the operations of twenty-four government owned radio coast stations for the full year.

(4) Report of Canadian Overseas Telecommunication Corporation covers the nine months, April 1 to December 31.

(5) Report covers three months, January 1 to March 31, following which they were taken over by C.O.T.C.

(6) Represents investment of Canadian Government in twenty-four radio coast stations operated by Canadian Marconi Company.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1950

Canadian Overseas Telecommu- ication Corporation	Commercial Cable Company	Halifax and (5) Bermudas Cable Co.	Cable (5) and Wireless Limited	Pacific(5) Cable Board	Total	TABLEAU 2
\$	\$	\$	\$	\$	\$	
2,757,518	1,215,677	-	-	-	82,295,908	<u>COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA</u>
-	-	-	-	-	12,709,881	<u>RECETTES</u>
-	-	-	-	-	845,505	Droits sur télégrammes commerciaux
-	-	-	-	-	314,205	Droits des compagnies de télégraphe sur câblo-grammes
-	-	-	-	-	234,490	Droits sur télégrammes officiels
-	-	-	-	-	89,459	Droits sur transferts d'argent
-	-	-	-	-	55,960	Messages financiers et commerciaux
-	-	-	-	-	440,378	Rapports météorologiques
-	-	-	-	-	27,105	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 45,235	Autres expéditions de câblogrammes
782,509	209,076	6,326	247	92,267	1,545,042	Debits téléphoniques
-	-	-	-	2,981	2,981	Droits sur câblogrammes commerciaux
165,456	-	-	2	16,276	181,734	Droits sur câblogrammes de la presse
-	-	-	-	-	6,293,309	Autres expéditions de câblogrammes
-	3,877	-	-	-	909,362	Loyer de lignes et de fils
-	-	-	-	-	109,697	Loyer sur autre propriété exploitée
73,157	-	-	-	-	410,352	Primes sur transferts d'argent
1,021,122	212,953	6,326	249	111,524	23,922,225	Autres revenus divers
						Total
						<u>TABLEAU 3 - DEPENSES</u>
362,958	94,688	-	149	34,060	6,522,997	Entretien des lignes et de l'outillage
-	-	-	-	-	1,170,076	Surveillance de l'exploitation
447,692	71,098	1,930	3,143	71,439	5,742,688	Opérateurs
-	-	-	-	-	783,821	Commissions
483,711	90,089	3,080	628	21,215	7,682,391	Autres dépenses d'exploitation
283,974	-	717	2,153	49,319	714,609	Salaires des officiers et des commis du siège social
-	-	-	-	-	44,045	Dépenses générales du siège social
-	-	-	-	-	33,478	Frais juridiques généraux
-	-	-	-	-	7,604	Assurance
62,982	36,423	1,066	584	7,913	550,711	Autres dépenses générales
(2) Cr. 706,795					(2) Cr. 706,795	
934,522	292,298	6,793	6,657	183,946	22,543,625	Total
						<u>TABLEAU 4 - REVENU</u>
86,600	Dr. 79,345	Dr. 467	Dr. 6,408	Dr. 72,422	1,376,600	Recettes nettes d'exploitation
551	-	-	-	-	7,218	Location d'établissement et loyers
319	-	-	-	-	153,745	Autre revenu
87,470	Dr. 79,345	Dr. 467	Dr. 6,408	Dr. 72,422	1,537,563	Revenu brut
-	4,157	-	-	-	367,355	Taxes
-	-	-	-	-	299,742	Loyers à percevoir
-	-	-	-	-	-	Intérêt sur la dette fondée
-	-	-	-	-	17,453	Autres déductions
-	4,157	-	-	-	684,548	Déductions totales
87,470	Dr. 83,502	Dr. 467	Dr. 6,408	Dr. 72,422	853,015	Revenu net

(1) \$89,972 est un crédit pour les dépenses d'entretien sur les messages relayés.

(2) Montant exigible de la Commission des Télécommunication du Commonwealth - (Dépenses d'exploitation \$594,380; Dépenses générales \$112,415).

(3) Le rapport de la Compagnie Marconi Canadienne traite de leurs services de télécommunications outre-mer du 1er janvier au 31 mars, alors que ceux-ci ont été attribués à la Société canadienne des télécommunications outre-mer, et des opérations, durant toute l'année, de vingt-quatre stations côtières appartenant au gouvernement.

(4) Le rapport de la Société canadienne des télécommunications outre-mer porte sur neuf mois: du 1er avril au 31 décembre.

(5) Le rapport porte sur trois mois: du 1er janvier au 31 mars, date du transfert des services à la S.C.T.O.

(6) Représente les placements du gouvernement canadien dans vingt-quatre stations côtières de radio administrées par la Cie Marconi Canadienne.



TELEGRAPH AND CABLE STATISTICS, 1950

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph Company
	No.	No.	No.	No.	No.	No.	No.
<u>TABLE 5 - TELEGRAMS TRANSMITTED</u>							
<u>SENT</u>							
Telegrams	8,619,015	6,059,991	673,826	110,733	49,802	112,058	-
Press (Equated 30 words to message)	1,111,368	1,233,012	-	5,098	6,491	523	-
Money transfers	145,270	57,320	-	108	747	2,028	-
C.N.D. (Equated 30 words to message)	198,436	2,582	-	-	-	-	-
Total	10,074,089	7,352,905	673,826	115,939	57,040	114,609	-
<u>RECEIVED FROM THE UNITED STATES</u>							
Telegrams	1,338,159	432,119	-	-	48,175	4,833	-
Press (Equated 30 words to message)	69,999	19,093	-	-	2,119	10	-
Money transfers	27,690	3,399	-	-	981	109	-
C.N.D. (Equated 30 words to message)	10,918	587	-	-	-	-	-
Total	1,446,766	455,198	-	-	51,275	4,952	-
<u>TOTAL</u>							
Telegrams	9,957,174	6,492,110	673,826	110,733	97,977	116,891	-
Press (Equated 30 words to message)	1,181,367	1,252,105	-	5,098	8,610	533	-
Money transfers	172,960	60,719	-	108	1,728	2,137	-
C.N.D. (Equated 30 words to message)	209,354	3,169	-	-	-	-	-
Total	11,520,855	7,808,103	673,826	115,939	108,315	119,561	-
<u>TABLE 6 - CABLEGRAMS TRANSMITTED</u>							
<u>MESSAGES SENT</u>							
Transferred to cable companies	164,020	405,330	-	-	-	-	112,968
Transferred to Canadian land lines	-	-	-	357	2,656	1,290	-
Transferred to foreign land lines	-	-	-	-	-	-	-
Transferred to wireless companies	-	61,620	-	-	49	-	-
Total	164,020	466,950	-	357	2,705	1,290	112,968
<u>MESSAGES RECEIVED</u>							
Transferred from cable companies	97,667	417,267	-	-	-	-	83,335
Transferred from Canadian land lines	-	-	-	212	4,125	1,326	-
Transferred from foreign land lines	-	-	-	-	-	-	-
Transferred from wireless companies	-	58,305	-	-	478	-	-
Total	97,667	475,572	-	212	4,603	1,326	83,335
<u>ORIGINATED IN CANADA</u>							
Received from land lines	-	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>							
Delivered to land lines for delivery	-	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>							
	6,614	-	-	-	-	-	-
Total all messages handled at Canadian stations (including duplications)	268,301	942,522	-	569	7,308	2,616	196,303
Total cablegrams (excluding duplications)	261,687	942,522	-	569	7,308	2,616	196,303

- (1) Includes twenty four radio coast stations only, operated on behalf of Canadian Government. Messages of Overseas Telecommunication Service included with Canadian Overseas Telecommunication Corporation.
- (2) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia and Newfoundland.
- (3) Commercial messages to and from ships in Nova Scotia and Newfoundland.
- (4) Includes overseas messages of Canadian Marconi Company, Halifax and Bermudas Cable Co., Cable and Wireless, Ltd., and Pacific Cable Board from January 1 to March 31.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1950

(1) Canadian Marconi Company	Canadian Overseas Telecommu- nication Corporation	Commercial Cable Company	Halifax and Bermudas Cable Co.	Cable and Wireless Limited	Pacific Cable Board	Total	
No.	No.	No.	No.	No.	No.	No.	
(2) 131,176	-	-	-	-	-	15,756,601	<u>TABLEAU 5 - TELEGRAMMES TRANSMIS</u>
-	-	-	-	-	-	2,356,492	<u>ENVOIES</u>
-	-	-	-	-	-	205,473	Télégrammes
-	-	-	-	-	-	201,018	Presse (30 mots équivalent à un message)
131,176	-	-	-	-	-	18,519,584	Transferts d'argent
							Expédition de nouvelles commerciales (30 mots équivalent à un message)
							Total
-	-	-	-	-	-	1,823,286	<u>RECUS DES ETATS UNIS</u>
-	-	-	-	-	-	91,221	Télégrammes
-	-	-	-	-	-	32,179	Presse (30 mots équivalent à un message)
-	-	-	-	-	-	11,505	Transferts d'argent
-	-	-	-	-	-	1,958,191	Expédition de nouvelles commerciales (30 mots équivalent à un message)
							Total
(2) 131,176	-	-	-	-	-	17,579,887	<u>TOTAL</u>
-	-	-	-	-	-	2,447,713	Télégrammes
-	-	-	-	-	-	237,652	Presse (30 mots équivalent à un message)
-	-	-	-	-	-	212,523	Transferts d'argent
131,176	-	-	-	-	-	20,477,775	Expédition de nouvelles commerciales (30 mots équivalent à un message)
							Total
-	-	-	Included with Canadian Overseas Telecommunication Corporation	Included with Canadian Overseas Telecommunication Corporation	Included with Canadian Overseas Telecommunication Corporation	682,318	<u>TABLEAU 6 - CABLOGRAMMES TRANSMIS</u>
-	-	-				4,303	<u>MESSAGES ENVOYES</u>
-	-	-				-	Transférés aux compagnies de câble
-	-	-				61,669	Transférés aux lignes de terre canadiennes
-	-	-				748,290	Transférés aux lignes continentales étrangères
							Transférés aux compagnies de sans-fil
							Total
-	-	-				598,269	<u>MESSAGES RECUS</u>
-	-	-				5,663	Transférés des compagnies de câble
-	-	-				-	Transférés des lignes de terre canadiennes
-	-	-				58,783	Transférés des lignes continentales étrangères
-	-	-				662,715	Transférés des compagnies de sans-fil
							Total
773	326,931	137,864	Included with Canadian Overseas Telecommunication Corporation	Included with Canadian Overseas Telecommunication Corporation	Included with Canadian Overseas Telecommunication Corporation	465,568	<u>PROVENANT DU CANADA</u>
-	107,401	37,043				144,444	Reçus par lignes de terre
							Reçus de l'envoyeur au bureau du câble
4,709	372,065	180,320				557,094	<u>ARRIVANT AU CANADA</u>
-	102,399	29,873				132,272	Transmis aux lignes de terre pour livraison
							Transmis directement au destinataire
-	1,230,075	-				1,236,689	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u>
							<u>ET TRANSMIS AUX STATIONS CANADIENNES - (non</u>
(5) 5,482	(4) 2,158,871	385,100				3,947,072	<u>compris ci-dessus)</u>
-	(4) 209,800	66,916				1,687,721	Total des messages passés par les stations canadiennes (y compris les répétitions)
							Total des cablogrammes (moins les répétitions)

- (1) Comprend seulement vingt-quatre stations côtières de radio exploitées pour le compte du gouvernement canadien. Les messages du service de télécommunication outre-mer sont compris avec ceux de la Société canadienne de télécommunication outre-mer.
- (2) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario et messages envoyés aux stations et reçus des stations dans la Nouvelle Ecosse et Terre Neuve.
- (3) Messages commerciaux aux et des vaisseaux en Nouvelle Ecosse et Terre Neuve.
- (4) Comprend les télécommunications outre-mer de la Cie Marconi Canadienne, de la Halifax and Bermudas Cable Company, de la Cable and Wireless, Ltd., et de la Commission des câbles du Pacifique, à partir du 1er janvier au 31 mars.

TELEGRAPH AND CABLE STATISTICS, 1950

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph Company
<b>TABLE 7 - MONEY TRANSFERS</b>								
<u>Money Transfers to -</u>								
United States	\$	552,816	251,493	-	-	28,627	-	-
United Kingdom	\$	7,408	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-	-
Total	\$	560,224	251,493	-	-	28,627	-	-
<u>Money Transfers from -</u>								
United States	\$	2,645,333	338,856	-	-	-	-	-
United Kingdom	\$	-	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-	-
Between Canadian stations	\$	6,234,463	2,634,355	-	7,432	33,206	-	-
Total	\$	8,879,796	2,973,211	-	7,432	33,206	-	-
<u>Money Transfers to and from</u>								
United States	\$	3,198,149	590,349	-	-	28,627	-	-
United Kingdom	\$	7,408	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-	-
Between Canadian stations	\$	6,234,463	2,634,355	-	7,432	33,206	-	-
Total	\$	9,440,020	3,224,704	-	7,432	61,833	-	-
<b>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</b>								
Operators	No.	1,204	863	392	9	9	11	47
Other officers and employees	No.	3,334	2,765	251	21	10	110	86
Total	No.	4,538	3,628	643	30	19	(2) 121	133
Total Salaries and Wages	\$	1/10,974,030	1/8,691,172	588,207	1/52,335	34,860	80,012	364,744
<u>Commissions Paid -</u>								
To railway employees	\$	110,464	107,642	-	5,771	1,671	5,326	-
To other persons	\$	430,739	100,078	29,214	-	-	2,238	-
Total	\$	541,203	207,720	29,214	5,771	1,671	7,564	-
<b>TABLE 9 - NUMBER OF OFFICES</b>								
<u>Number of offices at which telegrams or cablegrams are received and forwarded in Canada</u>								
Offices outside of Canada		2,897	1,713	519	55	15	30	5
Offices outside of Canada		5	8	-	-	-	-	-
Total		2,902	1,721	519	55	15	30	5

(1) Includes wages chargeable to railway operations.

(2) Includes 97 part time employees.

(3) Includes twenty-four radio coast stations only, operated on behalf of Canadian Government.

(4) Report covers three months, January 1 to March 31, following which they were taken over by C.O.T.C.

(5) Includes 1,561 female employees.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1950

(3) Canadian Marconi Company	Canadian Overseas Telecommu- nication Corporation	Commercial Cable Company	Halifax <sup>(4)</sup> and Bermudas Cable Co.	Cable <sup>(4)</sup> and Wireless Limited	Pacific <sup>(4)</sup> Cable Board	Total	
-	-	-	-	-	-	832,936	<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	-	7,408	<u>Transferts d'argent</u>
-	-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	-	-	au Royaume-Uni
-	-	-	-	-	-	-	à d'autres pays étrangers
-	-	-	-	-	-	840,344	Total
-	-	-	-	-	-	2,984,189	<u>Transferts d'argent -</u>
-	-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	-	-	d'autres pays étrangers
-	-	-	-	-	-	8,909,456	entre stations canadiennes
-	-	-	-	-	-	11,893,645	Total
-	-	-	-	-	-	3,817,125	<u>Transferts d'argent</u>
-	-	-	-	-	-	7,408	aux et des Etats-Unis
-	-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	-	-	à et d'autres pays étrangers
-	-	-	-	-	-	8,909,456	entre stations canadiennes
-	-	-	-	-	-	12,733,989	Total
75	154	22	2	4	78	2,850	<u>TABLEAU 8 - EMPLOYES - SALAIRES ET GAGES</u>
-	187	51	3	3	86	6,907	Opérateurs
75	321	73	5	7	164	5/ 9,757	Autres officiers et employés
221,062	941,908	201,934	2,827	5,643	140,512	22,299,246	Total des salaires et gages
-	-	-	-	-	-	230,874	<u>Commissions payées -</u>
-	-	-	-	-	-	562,269	Aux employés de chemin de fer
-	-	-	-	-	-	793,143	A d'autres personnes
-	-	-	-	-	-	-	Total
24	4	2	-	-	-	5,264	<u>TABLEAU 9 - NOMBRE DE BUREAUX</u>
-	-	-	-	-	-	13	Nombre de bureaux au les câblogrammes et les
24	4	2	-	-	-	5,277	télégrammes sont reçus et envoyés au
-	-	-	-	-	-	-	Canada
-	-	-	-	-	-	-	Bureaux à l'étranger
24	4	2	-	-	-	5,277	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 97 employés à temps partiel.

(3) Comprend seulement vingt-quatre stations côtières de radio exploitées pour le compte du gouvernement canadien.

(4) Le rapport porte sur trois mois: du 1er janvier au 31 mars, date du transfert des services à la S.C.T.C.

(5) Comprend 1,561 employés.



TELEGRAPH AND CABLE STATISTICS, 1950

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Ontario Northland Railway	Western Union Telegraph Company
<u>TABLE 10 - WIRE MILEAGE</u>							
All overhead wire not in Cable -							
Copper	103,882	129,540	4,378	2,467	2	2,041	5,677
Iron	70,857	55,003	11,089	2,169	385	565	2,740
Wire in Cable (in service)	9,244	10,541	584	8	-	16	652
Total miles of wire in Canada	183,983	195,084	16,051	4,644	387	2,622	7,049
Miles of wire outside of Canada	1,774	3,349	-	-	-	-	-
Total wire mileage	185,757	198,433	16,051	4,644	387	2,622	7,049
<u>Miles of Cable</u>							
Overhead	263	143	19	-	-	3	53
Underground	69	183	-	-	-	-	137
Submarine	16	138	184	-	-	-	17
Miles of Cable in Canada	348	464	203	-	-	3	207
Miles of Cable outside of Canada	1	2	-	-	-	-	-
Total miles of Cable	349	466	203	-	-	3	207
<u>Miles of Multiple Channels</u>							
<u>Carrier Current -</u>							
Telegraph	358,174	324,159	-	1,297	-	-	-
Telephone	28,755	39,098	-	267	-	-	-
Automatic Printing Telegraph	138,110	200,094	-	-	-	-	-
Morse Duplex Telegraph	14,261	6,414	-	-	-	-	-
Simplex Telegraph	27,947	66,375	-	1,138	-	2,194	-
Total channels in Canada	567,247	636,140	-	2,702	-	2,194	-
Channels outside of Canada	1,486	8,263	-	-	-	-	-
Total channels	568,733	644,403	-	2,702	-	2,194	-
<u>Miles of Telephone Service in Canada</u>							
Long distance	30,951	19,898	-	617	-	11,828	-
Train dispatching	14,581	11,776	-	521	-	754	-
Miles of Telephone Service outside of Canada	260	1,907	-	-	-	-	-
Miles of Cable between Canadian stations	-	-	-	-	-	-	(5) 1,208
Miles of Cable between Canadian and foreign stations	-	-	-	-	-	-	(5) 22,953
<u>TABLE 11 - POLE LINE MILEAGE</u>							
Owned by respondent	22,724	17,413	7,507	920	-	566	701
<u>Leased from another company (1)</u>							
Telegraph company	788	612	-	1	46	-	74
Telephone company	119	161	108	5	341	-	-
Other companies	783	110	-	-	-	-	-
Pole line mileage outside of Canada	245	(2) 296	-	-	-	-	-

(1) Includes space leased and also sole use.

(2) Includes 65 miles leased from telegraph companies and 21 miles leased from other companies.

(5) Nautical miles.

(4) Included in cable of Canadian Overseas Telecommunications Corporation.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1950

Canadian Marconi Company	Canadian Overseas Telecommu- ication Corporation	Commercial Cable Company	Halifax and Bermudas Cable Co.	Cable and Wireless Limited	Pacific Cable Board	Total	
-	-	-	-	-	-	245,987	<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
-	-	-	-	-	-	142,808	Tout fil aérien (non en câble) - Cuivre
-	-	-	-	-	-	21,025	Fer
-	-	-	-	-	-	409,820	Fil en câble (en service)
-	-	-	-	-	-	5,123	Total milles de fil au Canada
-	-	-	-	-	-	414,943	Total milles de fil en dehors du Canada
-	-	-	-	-	-		Total millage de fil
-	-	-	-	-	-	481	<u>Milles de câble</u>
-	-	-	-	-	-	389	Aérien
-	-	-	-	-	-	355	Souterrain
-	-	-	-	-	-	1,225	Sous-marin
-	-	-	-	-	-	3	Milles de câble au Canada
-	-	-	-	-	-	1,228	Milles de câble en dehors du Canada
-	-	-	-	-	-		Total
-	-	-	-	-	-	683,630	<u>Milles de Canalisations Multiples</u>
-	-	-	-	-	-	68,120	Courant porteur -
-	-	-	-	-	-	338,204	Télégraphe
-	-	-	-	-	-	20,675	Téléphone
-	-	-	-	-	-	97,654	Télétypographe automatique
-	-	-	-	-	-	1,208,283	Télégraphe Morse double
-	-	-	-	-	-	9,749	Télégraphe simple
-	-	-	-	-	-	1,218,032	Canalisations globales au Canada
-	-	-	-	-	-		Canalisations hors du Canada
-	-	-	-	-	-		Canalisations globales
-	-	-	-	-	-	63,294	<u>Milles de Service Téléphonique au Canada</u>
-	-	-	-	-	-	27,632	Interurbain
-	-	-	-	-	-	2,167	Expédition de trains
-	-	(3) 1,078	-	-	-	(3) 2,286	Milles de service Téléphonique
(5) 23,826	(3) 16,098	(4)	(4)	(4)	(3) 62,877		en dehors du Canada
							Milles de câble entre stations canadiennes
							Milles de câble entre stations canadiennes et étrangères
-	-	-	-	-	-	49,831	<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
-	-	-	-	-	-	1,521	Occupées par le propriétaire
-	-	-	-	-	-	734	Louées d'une autre compagnie (1) -
-	-	-	-	-	-	893	Compagnie de télégraphe
-	-	-	-	-	-	541	Compagnie de téléphone
							Autres compagnies
							Millage de ligne sur poteaux à l'étranger

(1) Comprend espace loué et usage exclusif.

(2) Comprend 65 milles loués de la compagnie de télégraphe et 21 milles loués d'autres compagnies.

(3) Milles nautiques.

(4) Inclus dans le câble de la Société des Telecommunications canadiennes outre-mer.

TELEGRAPH AND CABLE STATISTICS, 1950

TABLE 12	New- foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	Terre Neuve	Ile du Pr. Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba
Pole line mileage	1,559	286	2,649	2,162	5,852	10,658	4,193
Wire mileage	6,537	954	17,791	18,665	51,858	155,882	33,240
Number of offices	622	38	217	138	796	1,558	331
Telegrams sent	1,020,432	107,552	1,005,178	687,517	3,910,532	6,091,598	1,275,519

  

TABLE 13 - MARCONI WIRELESS MESSAGES	Year ended December 31 -			
	Newfoundland - Terre Neuve		(2) Nova Scotia - Nouvelle Ecosse	
	1950	1949	1950	1949
Commercial messages sent to ships and stations	31,253	16,166	4,941	5,433
Commercial messages received from ships and stations	21,847	15,776	8,228	8,015
Government messages sent to ships	2,279	587	3,758	1,606
Government messages received from ships	264	87	385	235
Service messages sent to ships and stations	2,917	2,840	1,135	1,134
Service messages received from ships and stations	2,651	2,415	1,013	995
Government messages sent to stations	748	326	1,654	1,248
Government messages received from stations	511	479	6,895	6,558
Total (5)	62,470	38,676	28,009	25,224

  

TABLE 14 - MESSAGES HANDLED BY MARINE RADIO STATIONS OF DEPARTMENT OF TRANSPORT	Year ended March 31, 1951				
	New foundland	Nova Scotia	New Brunswick	Quebec	Ontario
	Terre Neuve	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario
Commercial messages to and from ships (6)	2,942	27,141	3,064	464	-
Commercial messages to and from stations	715	747	-	3,494	56
Government messages to and from ships	18,155	8,698	4,687	380	-
Government messages to and from stations	7,226	24,848	1,544	14,382	17,679
Total	29,038	61,434	9,295	18,720	17,735

  

TABLE 15 - VALUE OF WORK CARRIED OUT, 1950	TABLEAU 15 - VALEUR DE TRAVAUX EXECUTES, 1950			
	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction Nouvelle	Modifications, Entretien et Réparations	Total	
	\$	\$	\$	
By company employees	4,008,706	2,842,531	6,851,237	Par les employés de la compagnie
By contractors	40,218	23,276	63,494	Par les entrepreneurs
Total	4,048,924	2,865,807	6,914,731	Total

- (1) Includes 1,627 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph and other companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore simplex radio-telephone traffic included in totals:

	1950	1949
Paid messages to ships .....	4,855	3,707
Paid messages from ships .....	31,920	21,759
Government messages to ships ....	3,041	1,479
Government messages from ships ..	217	-
Service messages to ships .....	5	312
Service messages from ships .....	11	7

- (6) Includes 3,695 duplex radio-telephone ship to shore calls.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1950

Saskatchewan	Alberta	British Columbia	Yukon	United States	Total	TABLEAU 12
Saskatchewan	Alberta	Colombie Britannique	Yukon	Etats Unis	Total	
9,123	7,286	7,148	562	541	(1) 51,999	Milles de ligne sur poteaux
52,062	44,518	47,743	570	5,123	414,943	Milles de fil
668	493	591	12	13	5,277	Nombre de bureaux
717,179	1,416,681	2,275,731	7,282	4,983	18,519,584	Télégrammes envoyés

- Année terminée le 31 décembre

(5) Quebec - Québec		(4) Ontario		TABLEAU 13 - RADIOGRAMMES MARCONI
1950	1949	1950	1949	
14,975	16,902	3,970	4,166	Messages commerciaux aux vaisseaux et aux stations
26,452	28,291	24,392	22,954	Messages commerciaux des vaisseaux et des stations
3,108	1,152	8,578	5,783	Messages du Gouvernement aux vaisseaux
2,436	1,186	466	509	Messages du Gouvernement des vaisseaux
2,559	3,092	684	1,159	Messages de service aux vaisseaux et aux stations
2,508	2,878	751	825	Messages de service des vaisseaux et des stations
6,309	5,915	694	630	Messages du Gouvernement aux stations
9,008	9,323	2,199	1,694	Messages du Gouvernement des stations
67,355	68,739	42,334	37,720	Total (5)

- Année terminée le 31 mars, 1951

Manitoba	British Columbia	Yukon and N.W.T.	Total	TABLEAU 14 - MESSAGES TRANSMIS PAR LES POSTES MARITIMES DE RADIO DU MINISTERE DES TRANSPORTS
Manitoba	Colombie Britannique	Yukon et Territoires du Nord-ouest	Total	
240	7,004	90	40,945	Messages commerciaux de navires et aux navires (6)
3,145	44,718	1,842	54,717	Messages commerciaux des stations et aux stations
56	16,987	815	49,778	Messages gouvernementaux des navires et aux navires
13,545	121,537	47,342	248,103	Messages gouvernementaux des stations et aux stations
16,986	190,246	50,089	393,543	Total

- (1) Comprend 1,627 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués des compagnies de télégraphe et autres. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1950	1949
Messages payés envoyés aux vaisseaux .....	4,855	3,707
Messages payés envoyés des vaisseaux .....	31,920	21,759
Messages du gouvernement adressés aux vaisseaux	5,041	1,479
Messages de vaisseaux adressés au gouvernement	217	-
Messages de service envoyés aux vaisseaux .....	5	312
Messages de service envoyés des vaisseaux .....	11	7

- (6) Comprend 3,695 appels radio-téléphoniques duplex du navire à la côte.





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UNIVERSITY OF TORONTO  
DEPT. OF POLITICAL ECONOMY

GOVERNMENT OF CANADA

TELEGRAPH AND CABLE STATISTICS  
FOR  
1951



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## TELEGRAPH AND CABLE STATISTICS

1951

With the present edition, the telegraph operations of the Northwest Communications System have been added. This system is operated by the Canadian National Telegraph Company for the Department of Transport and serves the areas along the Northwest Highway to Alaska in Alberta, British Columbia, Yukon and the Northwest Territories. The current operating deficits are covered by the Department and working capital is voted as required for the purchase of materials and supplies. The strategic importance of this system compensates for the relatively small volume of commercial business transacted. The usual industrial comparisons of revenues and expenses to messages carried are not quite valid in this case. For the second time the operations of the Canadian Overseas Telecommunication Corporation are reported and cover a full year's statistics whereas the first report covered only nine months from April 1st, 1950. The Corporation reported an active and profitable year with service provided to every known destination of importance. The increase in traffic receipts in 1951 was partially offset by heavy additional expenses arising mainly from a general revision of salary scales and the introduction of the 40-hour week, as well as increased cost of materials. A rising trend in overseas telecommunications generally is evident and considerable expansion is planned in line with Canada's growing stature in international affairs - commercially, diplomatically and militarily.

### Review of 1951 Operations.

Telegraph and cable gross revenues during 1951 attained a new all-time high at \$29,128,473 to post an increase of \$5,206,248 or 21.8 p.c. over 1950 and were 2.28 times the revenues for 1941 of \$12,777,920. Operating expenses jumped slightly more rising \$5,261,922 or by 23.3 p.c. to \$27,807,547. Net revenues were consequently reduced from \$1,376,600 to \$1,320,926. Net corporate income for 1951 was \$653,586 against \$853,015 in the preceding year and losses in 1949 and 1948. However, six of the eleven reporting companies and systems showed deficits in net income for 1951. Cost of property and equipment rose from \$82,295,908 in 1950 to \$90,505,832 with some \$2,213,000 credited to the Northwest Communications System. New construction was valued at \$6,130,971 while \$4,053,705 was expended on alteration, maintenance and repair work during the year under review. These total \$10,184,676 against \$6,914,731 in 1950.

Telegrams sent were a new record at 19,693,085, up 1,174,000 over 1950 while receipts from the United States improved over 164,500 to 2,122,752. Cablegrams numbered 1,785,836 or 98,000 above the preceding year; the total, however, was well below wartime peaks. Money transfers amounted to \$16,955,699 - a new high - up \$4,222,000 over 1950.

Employment was provided for 10,611 workers who earned \$27,058,260 in salaries and wages compared with 9,757 receiving \$22,299,246 one year earlier. A shorter work week necessitated wider employment after June 1st and telegram rates advanced effective November 1st on domestic messages. The abolition of government preferential rates in some relations was also granted.

Pole line mileage at year end was 53,580 miles while wire mileage reached an impressive 435,348. Some 5,233 offices were maintained for receiving and sending purposes.



STATISTIQUE DES TELEGRAPHES ET CABLES

1951

Le présent rapport comprend pour la première fois la statistique de la Northwest Communications System. La Canadian National Telegraph Company exploite ce service pour le compte du ministère des Transports en bordure de l'Alcan, en Alberta, en Colombie-Britannique, au Yukon et dans les Territoires du Nord-Ouest. Le déficit d'exploitation courant est soldé par le ministère et le capital de roulement est voté à mesure que l'exigent les achats d'équipement et de fournitures. L'importance de ce réseau du point de vue stratégique compense le volume relativement faible de ses affaires. Le rapprochement industriel ordinaire des recettes et dépenses à l'égard des messages transmis ne vaut pas tout à fait pour ce service. La statistique de la Société canadienne des télécommunications transmarines est comprise pour la deuxième fois; elle porte sur l'année entière, tandis que l'an dernier, elle ne portait que sur les neuf mois à compter du 1<sup>er</sup> avril 1950. La Société a déclaré une année active et lucrative, ayant transmis des messages à tous les endroits d'importance connus. L'augmentation des recettes provenant du trafic en 1951 a été neutralisée en partie par des dépenses supplémentaires considérablement accrues à cause surtout de l'augmentation générale des salaires et de l'introduction de la semaine de travail de 40 heures, ainsi que de la hausse du coût de l'équipement. La tendance des télécommunications transmarines est généralement à la hausse et on projette une expansion considérable en conformité du prestige croissant du Canada dans les affaires internationales du point de vue commercial, diplomatique et militaire.

Revue de l'activité en 1951

Les recettes brutes des télégraphes et câbles ont atteint un sommet sans précédent de \$29,128,473 en 1951, soit une augmentation de \$5,206,248 ou 21.8 p. 100 sur 1950 et 2.28 fois le total de \$12,777,920 pour 1941. Les dépenses d'exploitation accusent une avance légèrement plus prononcée (\$5,261,922 ou 23.3 p. 100) pour s'établir à \$27,807,547. En conséquence, le revenu net diminue de \$1,376,600 à \$1,320,926. Le revenu corporatif net est de \$653,586 en 1951, contre \$853,015 l'année précédente et un déficit en 1949 et 1948. Toutefois, 6 des 11 sociétés ou réseaux qui ont fait rapport accusent un déficit de revenu net en 1951. Le coût des biens et de l'équipement passe de \$82,295,908 en 1950 à \$90,505,832, la Northwest Communications System figurant pour \$2,213,000. Les nouvelles constructions atteignent une valeur de \$6,130,971 et les modifications, l'entretien et la réparation, \$4,053,705; réunis, ces postes de dépenses s'élevant à \$10,184,676 en comparaison de \$6,914,731 en 1950.

Le nombre de télégrammes expédiés passe à un sommet de 19,693,085, augmentation de 1,174,000 sur 1950, tandis que les messages reçus des Etats-Unis augmentent de plus de 164,500 pour s'établir à 2,122,752. Les câblogrammes se chiffrent par 1,785,836 soit 98,000 de plus que l'année précédente. Toutefois, le total reste de beaucoup inférieur à celui des sommes touchées en temps de guerre. Les transferts monétaires s'établissent au total sans précédent de \$16,955,699, augmentation de \$4,222,000 en comparaison de 1950. Les sociétés emploient 10,611 personnes qui touchent \$27,058,260 en salaires et gages, contre 9,757 employés touchant \$22,299,246 en 1950. La semaine de travail plus courte a causé une augmentation de personnel après le 1<sup>er</sup> juin et le tarif des télégrammes a monté à compter du 1<sup>er</sup> novembre, en ce qui concerne le service domestique. Il a aussi consenti, à certains égards, à abolir les tarifs spéciaux pour le gouvernement. A la fin de l'année, les milles de lignes sur poteaux s'élevaient à 53,580, alors que les milles de fil atteignaient le total imposant de 435,348. Les postes de réception et d'émission se chiffraient par 5,233.

TABLE 1

TELEGRAPH AND CABLE STATISTICS

TABLÉAU 1

STATISTIQUES DES TÉLÉGRAPHES ET CABLES

Year Année	Cost of property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,553,160	16,955,280	12,942,108	4,013,180	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946	63,910,009	17,997,786	16,028,900	1,968,826	1,509,519
1947	67,110,646	18,514,525	17,359,796	1,154,729	939,487
1948	71,120,585	19,422,788	20,292,402	Dr. 869,614	Dr. 1,468,824
1949	76,248,953	22,256,557	22,062,943	193,614	Dr. 62,571
1950	82,295,908	23,922,225	22,545,625	1,376,600	853,015
1951	90,505,832	29,128,473	27,807,547	1,320,926	653,586

  

Year Année	Pole Line Mileage Milles de Ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et Gages
				\$
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	12,598,548
1944	52,414	387,677	8,050	13,634,064
1945	52,447	391,476	8,230	13,992,806
1946	52,523	400,981	8,603	15,566,309
1947	51,024	401,803	8,711	17,193,861
1948	50,958	405,640	9,093	20,289,617
1949	52,535	413,759	9,555	21,689,856
1950	51,999	414,943	9,757	22,299,246
1951	53,580	435,348	10,611	27,058,260

  

Year Année	Telegrams - Télégrammes		Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
	Sent (2) Envoyés (2)	Received from The United States Reçus des Etats-Unis		\$
1942	13,660,987	1,761,144	2,831,549	5,439,880
1943	14,766,198	1,703,366	3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926
1945	15,758,247	1,908,657	2,192,173	8,006,128
1946	16,221,953	2,219,888	1,845,539	9,247,100
1947	16,595,980	2,391,794	1,613,621	10,988,591
1948	16,970,011	2,943,457	1,579,679	11,512,194
1949	18,099,644	1,963,434	1,642,278	12,469,348
1950	18,519,584	1,958,191	1,687,721	12,733,989
1951	19,693,085	2,122,752	1,785,836	16,955,699

(1) Excludes commission operators.

(2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.

(3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

(1) A l'exclusion des opérateurs à commission.

(2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le Fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Écosse, du Québec et de l'Ontario.

(3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

TELEGRAPH AND CABLE STATISTICS, 1951

TABLE 2	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	36,514,902	31,752,226	9,265,000	621,011	23,480	(1) 2,212,662
<u>REVENUES</u>						
Commercial telegraph tolls	7,697,429	5,391,689	812,514	76,823	32,428	50,088
Telegraph tolls on cable messages	312,219	1,077,443	-	-	-	-
Press telegraph tolls	147,906	170,209	-	942	-	-
Money transfer tolls	197,356	88,068	-	108	1,785	402
Stock and commercial news revenue	31,422	91,085	-	-	-	-
Weather reports	41,511	18,938	-	-	-	-
Ticker rentals	393,736	108,716	-	-	-	-
Other telegraph transmission revenue	15,375	-	-	28,658	-	-
Telephone debits	Dr. 21,245	-	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	2,399,627	3,430,820	-	-	1,505,774	580,208
Rents from other operated property	528,727	542,620	-	-	-	45,378
Money transfer premiums	100,530	41,321	-	60	-	-
Other non-transmission revenue	188,038	61,230	69,968	-	904	-
Total	12,032,631	11,022,139	882,482	106,591	1,540,891	676,076
<u>TABLE 3 - EXPENSES</u>						
Maintenance of line and equipment	3,712,030	2,780,308	393,327	-	909	446,329
Supervision of operations	664,100	515,876	62,178	6,120	-	27,887
Operators	3,139,432	2,118,355	422,031	18,928	29,619	-
Commissions	614,224	221,540	19,023	6,134	1,750	1,705
Other operating expenses	3,888,347	3,011,505	33,754	23,616	1,495,788	241,030
Salaries of general officers and general office clerks	57,806	200,352	55,782	-	7,956	23,398
General office expenses	12,069	33,276	-	-	902	-
General law expenses	152	10,179	-	-	-	-
Insurance	-	6,818	-	-	195	55
Other general expenses	124,737	176,241	32,865	-	3,145	17,668
Total	12,212,897	9,074,450	1,018,960	54,798	1,540,264	758,072
<u>TABLE 4 - INCOME</u>						
Net operating revenue	Dr. 180,266	1,947,689	Dr. 136,478	51,793	627	Dr. 81,996
Lease of plant and rents	-	-	-	-	-	-
Other income	142,616	-	-	-	5,475	-
Gross income	Dr. 37,650	1,947,689	Dr. 136,478	51,793	6,102	Dr. 81,996
Taxes	253,893	187,785	-	317	3,550	-
Rents payable	274,884	-	-	5,526	-	-
Interest on funded debt	-	-	-	-	-	-
Other deductions	20,361	-	-	-	823	-
Total deductions	549,138	187,785	-	5,843	4,373	-
Net income	Dr. 586,788	1,759,904	Dr. 136,478	45,950	1,729	Dr. 81,996

- (1) \$2,212,662 represents one-half of total investment in telephone and telegraph system.
- (2) \$95,262 is a credit for maintenance expenses on through traffic.
- (3) \$449,495 is net credit accruing from Commonwealth net work operations.
- (4) Represents investment of Canadian government in twenty-four radio coast stations operated by Canadian Marconi Company.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1951

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company	Canadian Overseas Telecommu- nication Corporation	Commercial Cable Company	Total	TABLEAU 2
\$	\$	\$	\$	\$	\$	
480,025	3,859,342	(4) 1,410,739	3,131,332	1,235,113	90,505,832	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU
						CANADA
						RECETTES
89,180	(2) 95,262	-	-	-	14,245,413	Droits sur télégrammes commerciaux
291	-	-	-	-	1,389,953	Droits des compagnies de télégraphe sur câblogrammes
2,422	-	-	-	-	321,479	Droits sur télégrammes officiels
4,025	-	-	-	-	291,744	Droits sur transferts d'argent
-	-	-	-	-	122,507	Messages financiers et commerciaux
554	-	-	-	-	61,003	Rapports météorologiques
-	-	-	-	-	502,452	Loyer de télégraphe imprimeur
-	-	-	-	-	44,033	Autres expéditions de câblogrammes
-	-	-	-	-	Dr. 21,245	Debits téléphoniques
-	77,924	72,142	1,344,534	259,614	1,754,214	Droits sur câblogrammes commerciaux
-	-	-	-	-	-	Droits sur câblogrammes de la presse
-	-	-	218,835	-	218,835	Autres expéditions de câblogrammes
49,749	-	-	-	3,493	7,969,671	Loyer de lignes et de fils
-	-	-	-	-	1,116,725	Loyer sur autre propriété exploitée
-	-	-	-	-	141,911	Primes sur transferts d'argent
-	100,784	-	99,359	-	520,283	Autres revenus divers
146,221	273,970	72,142	(3) 449,495 2,112,223	263,107	(3) 449,495 29,128,473	Total
						TABLEAU 3 - DEPENSES
44,192	137,043	89,189	731,205	118,947	8,453,479	Entretien des lignes et de l'outillage
1,098	30,648	-	-	-	1,307,907	Surveillance de l'exploitation
30,832	51,841	254,037	500,167	48,376	6,613,618	Opérateurs
8,158	-	-	-	-	872,534	Commissions
39,076	30,523	-	158,669	95,155	9,017,463	Autres dépenses d'exploitation
12,650	35,095	46,336	269,614	-	708,989	Salaires des officiers et des commis du siège social
4,880	-	-	-	-	51,127	Dépenses générales du siège social
-	21,363	-	-	-	31,694	Frais juridiques généraux
138	-	-	-	-	7,206	Assurance
-	123,494	-	221,082	44,298	743,530	Autres dépenses générales
141,024	430,007	389,562	1,880,737	306,776	27,807,547	Total
						TABLEAU 4 - REVENU
5,197	Dr. 156,037	Dr. 317,420	231,486	Dr. 43,669	1,320,926	Recettes nettes d'exploitation
-	-	-	607	-	607	Location d'établissement et loyers
-	-	-	7,528	-	155,619	Autre revenu
5,197	Dr. 156,037	Dr. 317,420	239,621	Dr. 43,669	1,477,152	Revenu brut
-	6,428	-	-	16,580	468,553	Taxes
4,592	4,886	-	-	-	289,898	Loyers à percevoir
-	-	-	43,941	-	43,941	Intérêt sur la dette fondée
-	-	-	-	-	21,184	Autres déductions
4,592	11,314	-	43,941	16,580	823,566	Déductions totales
605	Dr. 167,351	Dr. 317,420	195,680	Dr. 60,249	653,586	Revenu net

- (1) \$2,212,662 représentent la moitié des placements totaux dans les réseaux de télégraphe.  
(2) \$95,262 est un crédit pour les dépenses d'entretien sur les messages relayés.  
(3) \$449,495 est le crédit net découlant de l'exploitation des réseaux du commonwealth.  
(4) Représente les placements du gouvernement canadien dans vingt-quatre stations côtières de radio administrées par la Cie Marconi Canadienne.



TELEGRAPH AND CABLE STATISTICS, 1951

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
	No.	No.	No.	No.	No.	No.
<b>TABLE 5 - TELEGRAMS TRANSMITTED</b>						
<u>SENT</u>						
Telegrams	9,199,608	6,354,726	779,205	122,191	53,343	19,675
Press (Equated 30 words to message)	1,162,527	1,250,200	-	4,895	7,019	-
Money transfers	170,004	70,142	-	105	1,050	75
C.N.D. (Equated 30 words to message)	219,944	35,064	-	-	-	-
<b>Total</b>	<b>10,752,083</b>	<b>7,710,132</b>	<b>779,205</b>	<b>127,191</b>	<b>61,412</b>	<b>19,750</b>
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,451,572	475,940	-	-	51,932	297
Press (Equated 30 words to message)	69,235	18,739	-	-	3,311	-
Money transfers	33,005	5,133	-	-	1,207	70
C.N.D. (Equated 30 words to message)	7,206	609	-	-	201	-
<b>Total</b>	<b>1,561,018</b>	<b>500,421</b>	<b>-</b>	<b>-</b>	<b>56,651</b>	<b>367</b>
<u>TOTAL</u>						
Telegrams	10,651,180	6,830,666	779,205	122,191	105,275	19,972
Press (Equated 30 words to message)	1,231,762	1,268,939	-	4,895	10,330	-
Money transfers	203,009	75,275	-	105	2,257	145
C.N.D. (Equated 30 words to message)	227,150	35,673	-	-	201	-
<b>Total</b>	<b>12,313,101</b>	<b>8,210,553</b>	<b>779,205</b>	<b>127,191</b>	<b>118,063</b>	<b>20,117</b>
<b>TABLE 6 - CABLEGRAMS TRANSMITTED</b>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	186,545	495,005	-	-	-	-
Transferred to Canadian land lines	-	-	-	597	2,381	57
Transferred to foreign land lines	-	-	-	-	-	-
Transferred to wireless companies	-	9,363	-	-	41	-
<b>Total</b>	<b>186,545</b>	<b>504,368</b>	<b>-</b>	<b>597</b>	<b>2,422</b>	<b>57</b>
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	110,603	501,788	-	-	-	-
Transferred from Canadian land lines	-	-	-	491	3,689	64
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	14,278	-	-	395	-
<b>Total</b>	<b>110,603</b>	<b>516,066</b>	<b>-</b>	<b>491</b>	<b>4,084</b>	<b>64</b>
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>						
	7,791	-	-	-	-	-
<b>Total all messages handled at Canadian stations (including duplications)</b>	<b>304,939</b>	<b>1,020,434</b>	<b>-</b>	<b>1,088</b>	<b>6,506</b>	<b>121</b>
<b>Total cablegrams (excluding duplications)</b>	<b>297,148</b>	<b>1,020,434</b>	<b>-</b>	<b>1,088</b>	<b>6,506</b>	<b>121</b>

- (1) Includes twenty four radio coast stations only, operated on behalf of Canadian Government.
- (2) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia and Newfoundland.
- (3) Commercial messages to and from ships in Nova Scotia and Newfoundland.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1951

Ontario Northland Railway	Western Union Telegraph Company	Canadian <sup>(1)</sup> Marconi Company	Canadian Overseas Telecommu- nication Corporation	Commercial Cable Company	Total	
No.	No.	No.	No.	No.	No.	
107,866 516 2,049 -	- - - -	(2)132,881 - - -	- - - -	- - - -	16,769,495 2,425,157 243,425 255,008	<u>TABLERAU 5 - TELEGRAMMES TRANSMIS</u> <u>ENVOYES</u> Télégrammes Presse (30 mots équivalent à un message) Transferts d'argent Expédition de nouvelles commerciales (30 mots équivalent à un message)
110,431	-	132,881	-	-	19,693,085	Total
4,136 18 141 -	- - - -	- - - -	- - - -	- - - -	1,983,877 91,303 39,556 8,016	<u>RECUS DES ETATS UNIS</u> Télégrammes Presse (30 mots équivalent à un message) Transferts d'argent Expédition de nouvelles commerciales (30 mots équivalent à un message)
4,295	-	-	-	-	2,122,752	Total
112,002 534 2,190 -	- - - -	(2)132,881 - - -	- - - -	- - - -	18,753,372 2,516,460 282,981 263,024	<u>TOTAL</u> Télégrammes Presse (30 mots équivalent à un message) Transferts d'argent Expédition de nouvelles commerciales (30 mots équivalent à un message)
114,726	-	132,881	-	-	21,815,837	Total
- 1,111 - - 1,111	121,017 - - - 121,017	- - - - -	- - - - -	- - - - -	802,567 4,146 - 9,404 816,117	<u>TABLERAU 6 - CARBOGRAMMES TRANSMIS</u> <u>MESSAGES ENVOYES</u> Transférés aux compagnies de câble Transférés aux lignes de terre canadiennes Transférés aux lignes continentales étrangères Transférés aux compagnies de sans-fil
1,111	121,017	-	-	-	816,117	Total
- 1,176 - - 1,176	89,328 - - - 89,328	- - - - -	- - - - -	- - - - -	701,719 5,420 - 14,673 721,812	<u>MESSAGES RECUS</u> Transférés des compagnies de câble Transférés des lignes de terre canadiennes Transférés des lignes continentales étrangères Transférés des compagnies de sans-fil
1,176	89,328	-	-	-	721,812	Total
- - - - 2,287	- - - - 210,345	665 - 5,137 - (3) 5,802	317,911 59,696 368,371 109,429 2,193,965	149,133 41,811 193,705 36,971 421,620	467,709 101,507 567,213 146,400 4,167,107	<u>PROVENANT DU CANADA</u> Reçus par lignes de terre Reçus de l'expéditeur au bureau du câble <u>ARRIVANT AU CANADA</u> Transmis aux lignes de terre pour livraison Transmis directement au destinataire
-	-	-	1,338,558	-	1,346,349	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u> <u>ET TRANSMIS AUX STATIONS CANADIENNES -</u> (non compris ci-dessus)
2,287	210,345	(3) 5,802	2,193,965	421,620	4,167,107	Total des messages passés par les stations canadiennes (y compris les répétitions)
2,287	210,345	-	169,125	78,782	1,785,836	Total des câbogrammes (moins les répétitions)

- (1) Comprend seulement vingt-quatre stations côtières de radio exploitées pour le compte du gouvernement canadien.  
(2) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario et messages envoyés aux stations et reçus des stations dans la Nouvelle Ecosse et Terre Neuve.  
(3) Messages commerciaux aux et des vaisseaux en Nouvelle Ecosse et Terre Neuve.

TELEGRAPH AND CABLE STATISTICS, 1951

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
<b>TABLE 7 - MONEY TRANSFERS</b>							
<u>Money Transfers to -</u>							
United States	\$	1,264,164	596,040	-	-	45,403	-
United Kingdom	\$	15,585	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	1,279,749	596,040	-	-	45,403	-
<u>Money Transfers from -</u>							
United States	\$	3,328,713	472,443	-	-	-	9,873
United Kingdom	\$	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	7,893,793	3,289,048	-	4,976	31,166	4,495
Total	\$	11,222,506	3,761,491	-	4,976	31,166	14,368
<u>Money Transfers to and from</u>							
United States	\$	4,592,877	1,068,483	-	-	45,403	9,873
United Kingdom	\$	15,585	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	7,893,793	3,289,048	-	4,976	31,166	4,495
Total	\$	12,502,255	4,357,531	-	4,976	76,569	14,368
<b>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</b>							
Operators	No.	1,399	940	402	9	9	22
Other officers and employees	No.	3,742	2,977	267	21	10	107
Total		5,141	3,917	669	30	19	129
Total Salaries and Wages	\$	(1) 13,714,066	(1) 10,022,061	803,394	(1) 68,416	37,575	423,372
<u>Commissions Paid -</u>							
To railway employees	\$	120,212	108,704	-	6,134	1,750	-
To other persons	\$	494,012	102,253	19,023	-	-	1,705
Total	\$	614,224	210,957	19,023	6,134	1,750	1,705
<b>TABLE 9 - NUMBER OF OFFICES</b>							
Number of offices at which telegrams or cablegrams are received and forwarded in Canada		2,885	1,725	465	55	15	15
Offices outside of Canada		-	8	-	-	-	-
Total		2,885	1,733	465	55	15	15

(1) Includes wages chargeable to railway operations.

(2) Includes 98 part time employees.

(3) Includes 24 radio coast stations only, operated on behalf of Canadian Government.

(4) Includes 1,830 female employees.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1951

Ontario Northland Railway	Western Union Telegraph Company	Canadian <sup>(3)</sup> Marconi Company	Canadian Overseas Telecommu- nication Corporation	Commercial Cable Company	Total	
-	-	-	-	-	1,905,607	<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	15,585	<u>Transferts d'argent</u>
-	-	-	-	-	-	aux Etats-Unis
						au Royaume-Uni
						à d'autres pays étrangers
-	-	-	-	-	1,921,192	Total
-	-	-	-	-	3,811,029	<u>Transferts d'argent -</u>
-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	11,223,478	d'autres pays étrangers
						entre stations canadiennes
-	-	-	-	-	15,034,507	Total
-	-	-	-	-	5,716,636	<u>Transferts d'argent</u>
-	-	-	-	-	15,585	aux et des Etats-Unis
-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	11,223,478	à et d'autres pays étrangers
						entre stations canadiennes
-	-	-	-	-	16,955,699	Total
11	45	75	132	12	3,056	<u>TABLEAU 8 - EMPLOYES - SALAIRES ET GAGES</u>
111	86	-	183	51	7,555	Opérateurs
						Autres officiers et employés
(2) 122	131	75	315	63	(4) 10,611	Total
91,677	385,678	254,037	1,058,103	199,881	27,058,260	Total des salaires et gages
5,070	-	-	-	-	241,870	<u>Commissions payées -</u>
3,088	-	-	-	-	620,081	Aux employés de chemin de fer
8,158	-	-	-	-	861,951	A d'autres personnes
						Total
30	5	24	4	2	5,225	<u>TABLEAU 9 - NOMBRE DE BUREAUX</u>
-	-	-	-	-	8	Nombre de bureaux où les câblogrammes et les télégrammes sont recus et envoyés au Canada
30	5	24	4	2	5,233	Bureaux à l'étranger
						Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 98 employés à temps partiel.

(3) Comprend seulement vingt-quatre stations côtières de radio exploitées pour le compte du gouvernement canadien.

(4) Comprend 1,830 employés.



TELEGRAPH AND CABLE STATISTICS, 1951

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
<b>TABLE 10 - WIRE MILEAGE</b>						
All overhead wire not in Cable -						
Copper	109,479	131,186	10,868	2,565	2	6,717
Iron	70,179	53,772	11,479	2,169	384	-
Wire in Cable (in service)	8,798	11,336	2,687	8	-	-
Total miles of wire in Canada	188,456	196,294	25,034	4,742	386	6,717
Miles of wire outside of Canada	1,949	3,349	-	-	-	-
Total wire mileage	190,405	199,643	25,034	4,742	386	6,717
<b>Miles of Cable</b>						
Overhead	245	172	19	-	-	560
Underground	81	191	-	-	-	150
Submarine	14	138	184	-	-	-
Miles of Cable in Canada	340	501	203	-	-	710
Miles of Cable outside of Canada	2	-	-	-	-	-
Total miles of Cable	342	501	203	-	-	710
<b>Miles of Multiple Channels</b>						
<b>Carrier Current -</b>						
Telegraph	432,424	214,981	-	2,861	-	30,090
Telephone	37,748	38,620	-	366	-	12,199
Automatic Printing Telegraph	146,185	250,324	-	-	-	-
Morse Duplex Telegraph	9,879	2,276	-	-	-	-
Simplex Telegraph	29,620	18,090	-	1,504	-	5,569
Total channels in Canada	655,856	524,291	-	4,731	-	47,858
Channels outside of Canada	1,467	13,675	-	-	-	-
Total channels	657,323	537,966	-	4,731	-	47,858
<b>Miles of Telephone Service in Canada</b>						
Long distance	35,147	48,074	-	617	-	6,449
Train dispatching	16,068	12,044	-	521	-	-
Miles of Telephone Service outside of Canada	216	2,212	-	-	-	-
Miles of Cable between Canadian stations	-	-	-	-	-	-
Miles of Cable between Canadian and foreign stations	-	-	-	-	-	-
<b>TABLE 11 - POLE LINE MILEAGE</b>						
Owned by respondent	22,733	17,413	7,957	920	-	1,033
<b>Leased from another company (1)</b>						
Telegraph company	783	612	-	1	46	-
Telephone company	107	168	108	5	339	-
Other companies	797	110	-	-	-	-
Pole line mileage outside of Canada	244	(2) 296	-	-	-	-

(1) Includes space leased and also sole use.

(2) Includes 65 miles leased from telegraph companies and 21 miles leased from other companies

(3) Nautical miles.

(4) Includes 168 miles not operated in 1951.

(5) Includes approximately 1,800 miles not operated in 1951.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1951

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company	Canadian Overseas Telecommu- nication Corporation	Commercial Cable Company	Total	
						<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
						Tout fil aérien (non en câble) -
977	3,682	-	-	-	265,476	Cuivre
385	2,734	-	-	-	141,102	Fer
11	632	-	-	-	23,472	Fil en câble (en service)
1,373	7,048	-	-	-	430,050	Total milles de fil au Canada
-	-	-	-	-	5,298	Total milles de fil en dehors du Canada
1,373	7,048	-	-	-	435,348	Total millage de fil
						<u>Milles de câble</u>
1	53	-	-	-	1,050	Aérien
1	137	-	-	-	560	Souterrain
-	17	-	-	-	353	Sous-marin
2	207	-	-	-	1,963	Milles de câble au Canada
-	-	-	-	-	2	Milles de câble en dehors du Canada
2	207	-	-	-	1,965	Total
						<u>Milles de Canalisations Multiples</u>
						<u>Courant porteur -</u>
6,513	-	-	-	-	686,869	Télégraphe
6,216	-	-	-	-	95,149	Téléphone
1,759	-	-	-	-	398,268	Télétypographe automatique
-	-	-	-	-	12,155	Télégraphe Morse double
938	-	-	-	-	55,721	Télégraphe simple
15,426	-	-	-	-	1,248,162	Canalisations globales au Canada
-	-	-	-	-	15,142	Canalisations hors du Canada
15,426	-	-	-	-	1,263,304	Canalisations globales
						<u>Milles de Service Téléphonique au Canada</u>
13,674	-	-	-	-	103,961	Interurbain
755	-	-	-	-	29,388	Expédition de trains
-	-	-	-	-	2,428	Milles de service Téléphonique en dehors du Canada
-	(3) 1,210	-	-	(4) (3) 1,078	2,288	Milles de câble entre stations canadiennes
-	(3) 22,941	-	(3) 23,826	(5) (3) 16,175	62,942	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX</u>
						<u>AU CANADA</u>
649	701	-	-	-	51,406	Occupées par le propriétaire
						<u>Louées d'une autre compagnie (1) -</u>
-	74	-	-	-	1,516	Compagnie de télégraphe
-	-	-	-	-	727	Compagnie de téléphone
-	-	-	-	-	907	Autres compagnie
-	-	-	-	-	540	Millage de ligne sur poteaux à l'étranger

- (1) Comprend espace loué et usage exclusif.
- (2) Comprend 65 milles loués de la compagnie de télégraphe et 21 milles loués d'autre compagnies.
- (3) Milles nautiques.
- (4) Y compris 168 milles inexploités en 1951.
- (5) Y compris environ 1,800 milles inexploités en 1951.

TELEGRAPH AND CABLE STATISTICS, 1951

TABLE 12	New- foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	Terre Neuve	Ile du Pr. Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba
Pole line mileage	1,566	285	2,629	2,175	5,867	10,725	4,206
Wire mileage	6,319	955	19,158	18,944	53,490	133,843	33,969
Number of offices	604	38	216	143	794	1,378	331
Telegrams sent	1,142,788	109,189	1,056,680	718,024	4,116,426	6,379,913	1,238,266

TABLE 13 - MARCONI WIRELESS MESSAGES	Year ended December 31 -			
	Newfoundland - Terre Neuve		Nova Scotia - Nouvelle Ecosse	
	1951	1950	1951	1950
Commercial messages sent to ships and stations	22,137	31,253	4,958	4,941
Commercial messages received from ships and stations	23,746	21,847	9,158	8,228
Government messages sent to ships	2,708	2,279	3,373	3,758
Government messages received from ships	509	264	314	385
Service messages sent to ships and stations	3,785	2,917	1,122	1,135
Service messages received from ships and stations	3,759	2,651	1,033	1,013
Government messages sent to stations	951	748	1,820	1,654
Government messages received from stations	1,009	511	5,972	6,895
Total (5)	58,604	62,470	27,750	28,009

TABLE 14 - MESSAGES HANDLED BY MARINE RADIO STATIONS OF DEPARTMENT OF TRANSPORT	Year ended March 31									
	New- foundland		Nova Scotia		New Brunswick		Quebec		Ontario	
	Terre Neuve		Nouvelle Ecosse		Nouveau Brunswick		Québec		Ontario	
	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951
Commercial messages to and from ships (6)	5,175	2,943	32,300	27,141	3,641	3,064	21	464	-	-
Commercial messages to and from stations	658	715	1,597	747	-	-	6,550	3,494	134	56
Government messages to and from ships	22,325	18,155	34,058	8,698	3,098	4,687	519	380	-	-
Government messages to and from stations	5,498	7,226	21,202	24,848	2,425	1,544	18,278	14,382	38,793	17,679
Total	33,656	29,038	89,157	61,434	9,164	9,295	25,368	18,720	38,927	17,735

TABLE 15 - VALUE OF WORK CARRIED OUT, 1951

TABEAU 15 - VALEUR DE TRAVAUX EXECUTES, 1951

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction Nouvelle	Modifications, Entretien et Réparations	Total	
By company employees	\$ 6,074,575	\$ 4,028,136	\$ 10,102,711	Par les employés de la compagnie
By contractors	56,396	25,569	81,965	Par les entrepreneurs
Total	6,130,971	4,053,705	10,184,676	Total

- (1) Includes 1,634 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph and other companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore simplex radio-telephone traffic included in totals:
- |                                   |        |        |
|-----------------------------------|--------|--------|
|                                   | 1951   | 1950   |
| Paid messages to ships .....      | 5,391  | 4,855  |
| Paid messages from ships .....    | 35,824 | 31,920 |
| Government messages to ships .... | 2,772  | 3,041  |
| Government messages from ships .. | 100    | 217    |
| Service messages to ships .....   | 4      | 5      |
| Service messages from ships ..... | 11     | 11     |
- (6) Includes 4,700 duplex radio-telephone ship to shore calls.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1951

Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	United States	Total	<u>TABLEAU 12</u>
Saskat- chewan	Alberta	Colombie Britannique	Yukon et Terr. N-Ouest	Etats Unis	Total	
9,095	7,523	8,032	937	540	(1) 53,580	Milles de ligne sur poteaux
53,502	47,498	60,526	2,846	5,298	435,348	Milles de fil
666	486	538	31	8	5,233	Nombre de bureaux
762,395	1,554,583	2,596,449	14,472	3,900	19,693,085	Télégrammes envoyés

- Année terminée le 31 décembre

(3) Quebec - Québec		(4) Ontario		<u>TABLEAU 13 - RADIOGRAMMES MARCONI</u>
1951	1950	1951	1950	
17,463	14,975	3,961	3,970	Messages commerciaux aux vaisseaux et aux stations
30,339	26,452	26,921	24,992	Messages commerciaux des vaisseaux et des stations
3,652	3,108	6,528	8,578	Messages du Gouvernement aux vaisseaux
2,099	2,436	705	466	Messages du Gouvernement des vaisseaux
2,885	2,559	787	684	Messages de service aux vaisseaux et aux stations
2,907	2,508	858	751	Messages de service des vaisseaux et des stations
6,604	6,309	939	694	Messages du Gouvernement aux stations
9,639	9,008	2,814	2,199	Messages du Gouvernement des stations
75,588	67,355	43,513	42,334	Total (5)

- Année terminée le 31 mars, 1951

Manitoba		British Columbia		Yukon and N.W.T.		Total		<u>TABLEAU 14 - MESSAGES TRANSMIS PAR LES POSTES DE RADIO DU MINISTERE DES TRANSPORTS</u>
Manitoba	Manitoba	Colombie Britannique	Colombie Britannique	Yukon et Territoires du Nord-ouest	Yukon et Territoires du Nord-ouest	Total	Total	
1952	1951	1952	1951	1952	1951	1952	1951	
324	240	16,442	7,004	245	90	58,148	40,945	Messages commerciaux de navires et aux navires (6)
3,821	3,145	68,063	44,718	2,279	1,842	83,102	54,717	Messages commerciaux des stations et aux stations
5	56	71,231	16,987	1,255	815	132,491	49,778	Messages gouvernementaux des navires et aux navires
84,064	13,545	110,353	121,537	32,849	47,342	313,462	248,103	Messages gouvernementaux des stations et aux stations
88,214	16,986	266,089	190,246	36,628	50,089	587,203	393,543	Total

- (1) Comprend 1,634 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués de compagnies de télégraphe et autres. A l'exclusion du millage de lignes sur poteaux louées d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentant les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux:
- |   |        |        |
|---|--------|--------|
|   | 1951   | 1950   |
| Messages payés envoyés aux vaisseaux .....      | 5,391  | 4,855  |
| Messages payés envoyés des vaisseaux .....      | 35,824 | 31,920 |
| Messages du gouvernement adressés aux vaisseaux | 2,772  | 3,041  |
| Messages de vaisseaux adressés au gouvernement  | 100    | 217    |
| Messages de service envoyés aux vaisseaux ..... | 4      | 5      |
| Messages de service envoyés des vaisseaux ..... | 11     | 11     |
- (6) Comprend 4,700 appels radio-téléphoniques duplex du navire à la côte.





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TRANSP & PUB-UTIL FILE 4

UNIVERSITY OF TORONTO

DEPT. OF POLITICAL ECONOMY

GOVERNMENT OF CANADA

TELEGRAPH AND CABLE STATISTICS  
FOR  
1952



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1953



# DOMINION BUREAU OF STATISTICS

Department of Trade and Commerce

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## TELEGRAPH AND CABLE STATISTICS

1 9 5 2

Expansion continued in Canada's communication network during 1952, despite continuing delays in the delivery of new equipment, and carrier channel mileage was considerably increased. Further progress was reported by the major companies in mechanizing the handling of commercial message traffic and a substantial increase was reported in the volume of private leased wire business. Higher message rates and advanced rentals for teletypes and associated equipment helped towards a higher level of earnings. Wage increases were under dispute in the latter part of the year and a settlement presaged increased message rates for 1953, effective February 1. Investment rose by \$9,714,760 during the year as the Canadian National added \$6,548,298 to improve facilities and modernize broadcasting service. Pole line mileage decreased due to abandonments and new methods of transmission notably in Newfoundland and the Yukon.

### Review of 1952 Operations

Telegraph and cable gross revenues during 1952 attained a new all-time high at \$33,093,843 to post an increase of \$3,965,370 or 13.6 p.c. over 1951 and were two and a quarter times the revenues for 1942 of \$14,826,431. Operating expenses increased by \$3,809,609 or 13.7 p.c. over 1951 to \$31,617,156. Net revenues improved from \$1,320,926 to \$1,476,687. Net corporate income for 1952 was \$615,781 against \$653,586 in the preceding year, \$853,015 in 1950, and losses in 1949 and 1948. However, five of the eleven reporting companies and systems showed deficits in net income for 1952. Cost of property and equipment rose from \$90,505,832 in 1951 to \$100,220,592 with some \$2,236,750 credited to the Northwest Communications System. New construction was valued at \$10,935,429 while \$4,966,432 was expended on alteration, maintenance and repair work during the year under review. These total \$15,901,861 against \$10,184,676 in 1951.

Telegrams sent dropped to 19,513,250 from 19,693,085 in 1951 while receipts from the United States also eased 21,806 to 2,100,946. Cablegrams numbered 1,934,433 or 148,597 above the preceding year; the total, however, was well below wartime peaks. Money transfers amounted to \$19,514,490 - a new high - up \$2,558,791 over 1951.

Employment was provided for 11,272 workers who earned \$29,817,720 in salaries and wages compared with 10,611 receiving \$27,052,260 one year earlier. A shorter work week required additional employees after June 1st, 1951 and telegram rates advanced effective November 1st, 1951 on domestic messages. The abolition of government preferential rates in some relations was also granted.

Pole line mileage at year end was 52,699 miles off 881 miles due to abandonments but wire mileage reached an impressive 437,581, up 2,233 miles over 1951. Some 5,250 offices were maintained for receiving and sending purposes.

STATISTIQUE DES TELEGRAPHES ET CABLES

1952

L'expansion du réseau de communications du Canada s'est poursuivie en 1952, malgré des retards continuels dans l'expédition du nouvel outillage, et le nombre de milles de canaux transporteurs a augmenté sensiblement. Les principales compagnies signalent de nouveaux progrès en ce qui concerne la mécanisation de la transmission des messages commerciaux et le volume des affaires des lignes privées a augmenté de façon marquée. Les tarifs plus élevés et l'augmentation du loyer des télétypes et du matériel connexe ont contribué à l'augmentation. Durant la dernière partie de l'année, il y a eu un différend au sujet de l'augmentation des salaires dont le règlement laissait prévoir une augmentation des tarifs pour le 1<sup>er</sup> février 1953. Les placements ont augmenté de \$9,714,760 durant l'année alors que le National-Canadien a ajouté \$6,548,298 pour améliorer ses services et moderniser son installation de radio. Les milles de lignes sur poteaux ont diminué par suite de leur abandon et des nouveaux modes de transmission ont été adoptés, particulièrement à Terre-Neuve et au Yukon.

Revue de l'activité en 1952

Les recettes brutes des télégraphes et câbles ont atteint un sommet sans précédent de \$33,093,843 en 1952, soit une augmentation de \$3,965,370 ou de 13.6 p. 100 au regard de 1951 et deux fois et quart le total de 1942, qui était de \$14,826,431. Les frais d'exploitation ont augmenté de \$3,809,609 ou de 13.7 p. 100 au regard de 1951 (\$31,617,156). Le revenu net est passé de \$1,320,926 à \$1,476,687. Le revenu corporatif net a été de \$615,781 contre \$653,586 l'année précédente, \$853,015 en 1950 et au regard de déficits en 1949 et 1948. Cependant, cinq des onze sociétés ou réseaux qui font rapport ont accusé un déficit du revenu net pour 1952. Le coût des biens et de l'équipement est passé de \$90,505,832 en 1951 à \$100,220,592, la Northwest Communications System étant comptable de \$2,236,750. Les nouvelles constructions atteignent \$10,935,429 et les modifications, l'entretien et la réparation, \$4,966,432. Réunies ces dépenses s'élèvent à \$15,901,861 contre \$10,184,676 en 1951.

Le nombre de télégrammes expédiés est tombé de 19,693,085 à 19,513,250, tandis que les messages reçus des Etats-Unis ont de leur côté diminué de 21,806 ou à 2,100,946. Les câblogrammes se sont chiffrés par 1,934,433, soit 148,597 de plus que durant l'année précédente; le total cependant est bien en deça des sommets du temps de guerre. Les transferts monétaires se sont élevés à \$19,514,490, nouveau sommet surpassant de \$2,558,791 le total de 1951.

Les sociétés employaient 11,272 personnes dont les salaires s'établissaient à \$29,817,720 contre 10,611 qui gagnaient \$27,058,260 un an plus tôt. La diminution de la semaine de travail a nécessité une augmentation de personnel après le 1<sup>er</sup> juin 1951 et le tarif des télégrammes a augmenté le 1<sup>er</sup> novembre 1951 en ce qui concerne le service domestique. On a aussi consenti, à certains égards, à abolir les tarifs spéciaux pour le gouvernement.

Les milles de ligne sur poteaux s'élevaient à 52,699 milles à la fin de l'année, soit 881 milles de moins par suite de l'abandon de certaines lignes, mais les milles de fil atteignaient le chiffre imposant de 437,581, soit 2,233 milles de plus qu'en 1951. Les postes d'émission et de réception se chiffraient par 5,256.

TABLE 1

TELEGRAPH AND CABLE STATISTICS

TABLEAU 1

STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1942	49,192,861	14,826,431	11,925,417	2,901,014	3,341,193
1943	52,553,160	16,955,280	12,942,108	4,013,180	4,726,019
1944	53,673,848	16,986,491	14,404,835	2,581,656	3,447,191
1945	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946	63,910,009	17,997,726	16,028,900	1,968,826	1,509,519
1947	67,110,646	18,514,525	17,359,796	1,154,729	939,487
1948	71,120,585	19,422,788	20,292,402	Dr. 869,614	Dr. 1,468,824
1949	76,248,953	22,256,557	22,062,943	193,614	Dr. 62,571
1950	82,295,908	23,922,225	22,545,625	1,376,600	853,015
1951	90,505,832	29,128,473	27,807,547	1,320,926	653,586
1952	100,220,592	33,093,843	31,617,156	1,476,687	615,781

  

Year Année	Pole Line Mileage Milles de Ligne sur poteaux	Wire Mileage Milles de fil	Employees (1) Employés (1)	Salaries and Wages Salaires et Gages
				\$
1942	52,418	381,953	7,544	11,424,268
1943	52,414	384,350	8,330	12,598,548
1944	52,414	387,677	8,050	13,634,064
1945	52,447	391,476	8,230	13,992,806
1946	52,523	400,981	8,603	15,566,309
1947	51,024	401,803	8,711	17,193,861
1948	50,958	405,640	9,093	20,289,617
1949	52,535	413,759	9,555	21,689,856
1950	51,999	414,943	9,757	22,299,246
1951	53,580	435,348	10,611	27,058,260
1952	52,699	437,581	11,272	29,817,720

  

Telegrams - Télégrammes				
Year Année	Sent (2) Envoyés (2)	Received from The United States Reçus des Etats-Unis	Cablegrams (3) Câblogrammes (3)	Money Transfers Transferts d'argent
				\$
1942	13,660,987	1,761,144	2,831,549	5,439,880
1943	14,766,198	1,703,366	3,013,752	7,677,080
1944	14,805,161	1,640,289	2,324,863	8,242,926
1945	15,758,247	1,908,657	2,192,173	8,006,128
1946	16,221,953	2,219,888	1,845,539	9,247,100
1947	16,595,980	2,391,794	1,613,621	10,988,591
1948	16,570,011	2,943,457	1,579,679	11,512,194
1949	18,099,644	1,963,434	1,642,278	12,469,348
1950	18,519,584	1,958,191	1,687,721	12,733,989
1951	19,693,085	2,122,752	1,785,836	16,955,699
1952	19,513,250	2,100,946	1,934,433	19,514,490

- (1) Excludes commission operators.
- (2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.
- (3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.
- (1) A l'exclusion des opérateurs à commission.
- (2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le Fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.
- (3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.



TELEGRAPH AND CABLE STATISTICS, 1952

TABLE 2	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	43,063,200	34,502,663	9,105,000	804,279	23,959	(1) 2,236,750
<u>REVENUES</u>						
Commercial telegraph tolls	8,824,758	6,189,166	871,572	90,883	40,332	68,150
Telegraph tolls on cable messages	353,891	949,862	-	109	-	-
Press telegraph tolls	120,936	148,785	-	521	-	-
Money transfer tolls	234,092	104,001	-	60	2,283	575
Stock and commercial news revenue	22,861	118,999	-	-	-	-
Weather reports	45,710	15,757	-	-	-	-
Ticker rentals	428,369	124,375	-	-	-	-
Other telegraph transmission revenue	20,745	-	-	43,356	-	-
Telephone debits	Dr. 23,448	-	-	-	-	-
Commercial cable tolls	-	-	-	-	-	-
Press cable tolls	-	-	-	-	-	-
Other cable transmission revenue	-	-	-	-	-	-
Rents from leased lines and wires	2,838,240	3,695,703	-	-	1,983,538	692,340
Rents from other operated property	689,041	692,467	-	-	-	55,430
Money transfer premiums	114,647	53,764	-	73	-	-
Other non-transmission revenue	200,158	86,907	89,843	-	1,174	-
Total	13,870,000	12,179,786	961,415	135,002	2,027,327	816,495
<u>TABLE 3 - EXPENSES</u>						
Maintenance of line and equipment	4,429,708	3,141,302	232,307	-	1,544	453,480
Supervision of operations	735,322	778,413	26,036	2,538	-	30,941
Operators	3,435,500	2,622,773	43,382	19,741	33,758	2,001
Commissions	699,057	242,147	18,925	6,989	1,849	3,080
Other operating expenses	4,331,689	2,868,439	556,045	24,109	1,974,641	237,150
Salaries of general officers and general office clerks	68,879	221,165	89,161	-	8,658	23,645
General office expenses	12,250	52,559	23,234	-	990	-
General law expenses	224	15,318	-	-	-	-
Insurance	-	9,140	-	-	301	29
Other general expenses	176,811	196,010	1,940	-	3,979	14,216
Total	13,889,440	10,147,266	1,387,030	53,377	2,025,720	764,542
<u>TABLE 4 - INCOME</u>						
Net operating revenue	Dr. 19,440	2,032,520	Dr. 425,615	81,625	1,607	51,953
Lease of plant and rents	-	-	-	-	-	-
Other income	141,773	-	-	-	5,291	-
Gross income	122,333	2,032,520	Dr. 425,615	81,625	6,898	51,953
Taxes	269,767	208,259	-	274	4,659	-
Rents payable	275,836	-	-	4,239	-	-
Interest on funded debt	-	-	-	-	-	-
Other deductions	16,361	-	-	-	-	-
Total deductions	561,964	208,259	-	4,513	4,659	-
Net income	Dr. 439,631	1,824,261	Dr. 425,615	77,112	2,239	51,953

(1) \$2,236,750 represents one-half of total investment in telephone and telegraph system.

(2) \$ 106,359 is a credit for maintenance expenses on through traffic.

(3) \$ 712,861 is net credit accruing from commonwealth net work operations.

(4) Represents investment of Canadian Government in twenty-four radio coast stations operated by Canadian Marconi Company.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1952

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company	Canadian Overseas Telecommuni- cation Corporation	Commercial Cable Company	Total	TABLEAU 2
\$	\$	\$	\$	\$	\$	
536,120	3,850,256	(4) 1,456,439	3,399,097	1,242,829	100,220,592	COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU
						CANADA
						RECETTES
98,860	(2) 106,359	-	-	-	16,290,080	Droits sur télégrammes commerciaux
296	-	-	-	-	1,304,158	Droits des compagnies de télégraphe sur
2,021	-	-	-	-	272,263	câblogrammes
4,771	-	-	-	-	345,782	Droits sur télégrammes officiels
632	-	-	-	-	141,860	Droits sur transferts d'argent
-	-	-	-	-	62,049	Messages financiers et commerciaux
-	-	-	-	-	552,744	Rapports météorologiques
-	-	-	-	-	64,101	Loyer de télégraphe imprimeur
-	-	-	-	-	Dr. 23,448	Autres expéditions de câblogrammes
-	95,749	72,659	1,247,274	292,144	11,707,826	Debits téléphoniques
-	-	-	201,210	-	-	Droits sur câblogrammes commerciaux
57,057	-	-	-	3,368	201,210	Droits sur câblogrammes de la presse
-	-	-	-	-	9,270,246	Autres expéditions de câblogrammes
-	-	-	-	-	1,436,938	Loyer de lignes et de fils
-	91,454	-	117,103	-	168,484	Loyer sur autre propriété exploitée
163,637	293,562	72,659	(3) 712,861	(3) 712,861	586,639	Primes sur transferts d'argent
			2,278,448	295,512	33,093,843	Autres revenus divers
						Total
						TABLEAU 3 - DEPENSES
36,822	157,156	88,381	924,308	137,259	9,602,267	Entretien des lignes et de l'outillage
1,136	32,543	-	-	-	1,606,929	Surveillance de l'exploitation
32,062	61,109	256,058	552,122	50,657	7,505,163	Opérateurs
6,561	-	-	-	-	978,608	Commissions
40,760	32,684	-	138,094	109,561	10,313,172	Autres dépenses d'exploitation
13,089	35,497	51,896	278,117	-	790,107	Salaires des officiers et des commis du
5,621	-	-	-	-	94,654	siège social
-	23,519	-	-	-	39,061	Dépenses générales du siège social
138	138,516	-	103,732	42,383	9,608	Frais juridiques généraux
					677,587	Assurance
136,189	481,024	396,335	1,996,373	339,860	31,617,156	Autres dépenses générales
						Total
						TABLEAU 4 - REVENU
27,448	Dr. 187,462	Dr. 323,676	282,075	Dr. 44,348	1,476,687	Recettes nettes d'exploitation
-	-	-	53	-	53	Location d'établissement et loyers
-	-	-	13,632	-	160,696	Autre revenu
27,448	Dr. 187,462	Dr. 323,676	295,760	Dr. 44,348	1,637,436	Revenu brut
-	7,568	-	148,791	14,336	653,654	Taxes
1,828	4,861	-	-	-	286,764	Loyers à percevoir
-	-	-	101,230	-	101,230	Intérêt sur la dette fondée
-	-	-	Cr. 36,354	-	Cr. 19,993	Autres déductions
1,828	12,429	-	213,667	14,336	1,021,655	Déductions totales
25,620	Dr. 199,891	Dr. 323,676	82,093	Dr. 58,684	615,781	Revenu net

- (1) \$2,236,750 représentent la moitié des placements totaux dans les réseaux de télégraphe.  
(2) \$ 106,359 est un crédit pour les dépenses d'entretien sur les messages relays.  
(3) \$ 712,861 est le crédit net découlant de l'exploitation des réseaux du commonwealth.  
(4) Représente les placements du gouvernement canadien dans vingt-quatre stations côtières de radio administrées par la Cie Marconi Canadienne.

TELEGRAPH AND CABLE STATISTICS, 1952

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
	No.	No.	No.	No.	No.	No.
<u>TABLE 5 - TELEGRAMS TRANSMITTED</u>						
<u>SENT</u>						
Telegrams	9,453,930	6,356,886	814,137	128,251	57,905	19,532
Press (equated 30 words to message)	910,578	1,055,833	-	5,220	8,129	-
Money transfers	174,177	75,357	-	103	1,249	93
C.N.D. (equated 30 words to message)	211,304	9,659	-	-	-	-
Total	10,749,989	7,497,735	814,137	133,574	67,283	19,625
<u>RECEIVED FROM THE UNITED STATES</u>						
Telegrams	1,437,640	478,401	-	-	49,642	437
Press (equated 30 words to message)	60,696	26,831	-	-	3,942	-
Money transfers	31,078	4,850	-	-	1,177	87
C.N.D. (equated 30 words to message)	1,747	678	-	-	-	-
Total	1,531,153	510,760	-	-	54,757	519
<u>TOTAL</u>						
Telegrams	10,891,570	6,835,287	814,137	128,251	107,547	19,969
Press (equated 30 words to message)	971,274	1,082,664	-	5,220	12,071	-
Money transfers	205,247	80,207	-	103	2,422	175
C.N.D. (equated 30 words to message)	213,051	10,337	-	-	-	-
Total	12,281,142	8,008,495	814,137	133,574	122,040	20,144
<u>TABLE 6 - CABLEGRAMS TRANSMITTED</u>						
<u>MESSAGES SENT</u>						
Transferred to cable companies	215,242	525,340	-	-	-	-
Transferred to Canadian land lines	-	-	-	538	2,557	150
Transferred to foreign land lines	-	-	-	-	-	-
Transferred to wireless companies	-	10,906	-	-	37	-
Total	215,242	536,246	-	538	2,594	150
<u>MESSAGES RECEIVED</u>						
Transferred from cable companies	126,671	530,283	-	-	-	-
Transferred from Canadian land lines	-	-	-	487	3,457	194
Transferred from foreign land lines	-	-	-	-	-	-
Transferred from wireless companies	-	12,626	-	-	493	-
Total	126,671	542,909	-	487	3,950	194
<u>ORIGINATED IN CANADA</u>						
Received from land lines	-	-	-	-	-	-
Filed in cable office by sender	-	-	-	-	-	-
<u>TERMINATED IN CANADA</u>						
Delivered to land lines for delivery	-	-	-	-	-	-
Delivered direct to addressee	-	-	-	-	-	-
<u>ORIGINATED AND TERMINATED IN OTHER COUNTRIES AND HANDLED AT CANADIAN STATIONS (not included above)</u>						
	6,658	-	-	-	-	-
Total all messages handled at Canadian stations (including duplications)	348,571	1,079,155	-	1,025	6,544	344
Total cablegrams (excluding duplications)	341,913	1,079,155	-	1,025	6,544	344

- (1) Includes twenty four radio coast stations only, operated on behalf of Canadian Government.
- (2) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia and Newfoundland.
- (3) Commercial messages to and from ships in Nova Scotia and Newfoundland.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1952

Northland Railway	Western Union Telegraph Company	(1) Canadian Marconi Company	Canadian Overseas Telecommuni- cation Corporation	Commercial Cable Company	Total	
No.	No.	No.	No.	No.	No.	
100,744 354 2,154 -	- - - -	(2)127,655 - - -	- - - -	- - - -	17,059,040 1,980,114 253,133 220,963	<u>TABLEAU 5 - TELEGRAMMES TRANSMIS</u> <u>ENVOYES</u> Télégrammes Presse (30 mots équivalent à un message) Transferts d'argent Expédition de nouvelles commerciales (30 mots équivalent à un message)
103,252	-	127,655	-	-	19,513,250	Total
3,638 1 118 -	- - - -	- - - -	- - - -	- - - -	1,969,758 91,470 37,293 2,425	<u>REÇUS DES ETATS UNIS</u> Télégrammes Presse (30 mots équivalent à un message) Transferts d'argent Expédition de nouvelles commerciales (30 mots équivalent à un message)
3,757	-	-	-	-	2,100,946	Total
104,382 355 2,272 -	- - - -	(2)127,655 - - -	- - - -	- - - -	19,028,798 2,071,584 290,426 223,388	<u>TOTAL</u> Télégrammes Presse (30 mots équivalent à un message) Transferts d'argent Expédition de nouvelles commerciales (30 mots équivalent à un message)
107,009	-	127,655	-	-	21,614,196	Total
- 1,108 -	131,451 - -	- - -	- - -	- - -	872,033 4,353 -	<u>TABLEAU 6 - CABLOGRAMMES TRANSMIS</u> <u>MESSAGES ENVOYES</u> Transférés aux compagnies de câble Transférés aux lignes de terre canadiennes Transférés aux lignes continentales étrangères Transférés aux compagnies de sans-fil
1,108	131,451	-	-	-	887,329	Total
- 1,082 -	101,795 - -	- - -	- - -	- - -	758,749 5,220 -	<u>MESSAGES REÇUS</u> Transférés des compagnies de câble Transférés des lignes de terre canadiennes Transférés des lignes continentales étrangères Transférés des compagnies de sans-fil
1,082	101,795	-	-	-	777,088	Total
- -	- -	801 -	323,055 66,903	149,775 42,014	473,631 108,917	<u>PROVENANT DU CANADA</u> Reçus par lignes de terre Reçus de l'expéditeur au bureau du câble
- -	- -	5,530 -	381,725 122,893	191,678 38,206	578,933 161,099	<u>ARRIVANT AU CANADA</u> Transmis aux lignes de terre pour livraison Transmis directement au destinataire
-	-	-	1,057,977	-	1,064,635	<u>EN PROVENANCE DE ET DESTINES A D'AUTRES PAYS</u> <u>ET TRANSMIS AUX STATIONS CANADIENNES -</u> (non compris ci-dessus)
2,190	233,246	(3) 6,331	1,952,553	421,673	4,051,632	Total des messages passés par les stations canadiennes (y compris les répétitions)
2,190	233,246	-	189,796	80,220	1,934,433	Total des cablogrammes (moins les répétitions)

- 1) Comprend seulement vingt-quatre stations côtières de radio exploitées pour le compte du gouvernement canadien.  
2) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario et messages envoyés aux stations  
et reçus des stations dans la Nouvelle Ecosse et Terre Neuve.  
3) Messages commerciaux aux et des vaisseaux en Nouvelle Ecosse et Terre Neuve.



TELEGRAPH AND CABLE STATISTICS

		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
<b>TABLE 7 - MONEY TRANSFERS</b>							
<u>Money Transfers to-</u>							
United States	\$	2,672,262	1,361,913	-	-	65,688	-
United Kingdom	\$	49,826	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Total	\$	2,722,088	1,361,913	-	-	65,688	-
<u>Money Transfers from-</u>							
United States	\$	3,052,802	456,014	-	-	-	11,171
United Kingdom	\$	-	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	7,975,254	3,813,120	-	6,862	42,845	6,733
Total	\$	11,028,056	4,269,134	-	6,862	42,845	17,904
<u>Money Transfers to and from-</u>							
United States	\$	5,725,064	1,817,927	-	-	65,688	11,171
United Kingdom	\$	49,826	-	-	-	-	-
Other foreign countries	\$	-	-	-	-	-	-
Between Canadian stations	\$	7,975,254	3,813,120	-	6,862	42,845	6,733
Total	\$	13,750,144	5,631,047	-	6,862	108,533	17,904
<b>TABLE 8 - EMPLOYEES - SALARIES AND WAGES</b>							
Operators	No.	1,481	1,029	90	9	9	22
Other officers and employees	No.	4,031	3,205	37	21	11	112
Total	No.	5,512	4,234	627	30	20	134
Total Salaries and Wages	\$	(1) 15,055,685	(1) 11,259,988	787,995	74,284	44,047	389,681
<u>Commissions Paid</u>							
To railway employees	\$	135,490	119,689	-	6,989	1,849	3,080
To other persons	\$	563,567	119,360	18,925	-	-	-
Total	\$	699,057	239,049	18,925	6,989	1,849	3,080
<b>TABLE 9 - NUMBER OF OFFICES</b>							
Number of offices at which telegrams or cablegrams are received and forwarded in Canada		2,920	1,749	434	55	11	14
Offices outside of Canada		-	8	-	-	-	-
Total		2,920	1,757	434	55	11	14

(1) Includes wages chargeable to railway operations.

(2) Includes 94 part time employees.

(3) Includes 24 radio coast stations only, operated on behalf of Canadian Government.

(4) Includes 2,001 female employees.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1952

Ontario Northland Railway	Western Union Telegraph Company	Canadian <sup>(3)</sup> Marconi Company	Canadian Overseas Telecommuni- cation Corporation	Commercial Cable Company	Total	
-	-	-	-	-	4,099,863	<u>TABLEAU 7 - TRANSFERTS D'ARGENT</u>
-	-	-	-	-	49,826	<u>Transferts d'argent</u>
-	-	-	-	-	-	aux Etats-Unis
-	-	-	-	-	-	au Royaume-Uni
-	-	-	-	-	-	à d'autres pays étrangers
-	-	-	-	-	4,149,689	Total
-	-	-	-	-	3,519,987	<u>Transferts d'argent</u>
-	-	-	-	-	-	des Etats-Unis
-	-	-	-	-	-	du Royaume-Uni
-	-	-	-	-	11,844,814	d'autres pays étrangers
-	-	-	-	-	-	entre stations canadiennes
-	-	-	-	-	15,364,801	Total
-	-	-	-	-	7,619,850	<u>Transferts d'argent</u>
-	-	-	-	-	49,826	aux et des Etats-Unis
-	-	-	-	-	-	au et du Royaume-Uni
-	-	-	-	-	11,844,814	à et d'autres pays étrangers
-	-	-	-	-	-	entre stations canadiennes
-	-	-	-	-	19,514,490	Total
10	56	76	132	10	3,224	<u>TABLEAU 9 - EMPLOYEES - SALAIRES ET GAGES</u>
106	85	-	183	57	8,048	Opérateurs
(2) 116	141	76	315	67	(4) 11,272	Autres officiers et employés
89,146	511,559	256,058	1,143,014	206,263	29,817,720	Total des salaires et gages
5,597	-	-	-	-	272,694	<u>Commissions payées</u>
964	-	-	-	-	702,816	Aux employés de chemin de fer
6,561	-	-	-	-	975,510	A d'autres personnes
-	-	-	-	-	-	Total
30	5	24	4	2	5,248	<u>TABLEAU 9 - NOMBRE DE BUREAUX</u>
-	-	-	-	-	8	Nombre de bureaux ou les câblogrammes et les télégrammes sont reçus et envoyés au Canada
30	5	24	4	2	5,256	Bureaux à l'étranger
-	-	-	-	-	-	Total

(1) Comprend les gages imputables sur le chemin de fer.

(2) Comprend 94 employés à temps partiel.

(3) Comprend seulement vingt-quatre stations côtières de radio exploitées pour le compte du gouvernement canadien.

(4) Comprend 2,001 employées.

TELEGRAPH AND CABLE STATISTICS, 1952

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Communi- cation System
<u>TABLE 10 - WIRE MILEAGE</u>						
<u>All overhead wire not in Cable -</u>						
Copper	114,148	132,581	10,922	3,057	2	6,717
Iron	68,758	50,954	10,997	2,160	386	-
Wire in cable (in service)	8,935	11,745	2,687	31	-	-
Total miles of wire in Canada	191,841	195,280	24,606	5,248	388	6,717
Miles of wire outside of Canada	1,956	3,349	-	-	-	-
Total wire mileage	193,797	198,629	24,606	5,248	388	6,717
<u>Miles of Cable</u>						
Overhead	252	179	19	-	-	560
Underground	81	191	-	-	-	150
Submarine	14	138	184	-	-	-
Miles of cable in Canada	347	508	203	-	-	710
Miles of cable outside of Canada	2	-	-	-	-	-
Total miles of cable	349	508	203	-	-	710
<u>Miles of Carrier, Telegraph and Telephone Circuit</u>						
<u>Carrier Channels</u>						
Telegraph	286,955	254,900	-	5,529	-	36,944
Telephone	34,155	50,986	-	317	-	10,373
Channels outside of Canada	630	7,441	-	-	-	-
<u>Telegraph Circuits assigned to -</u>						
Automatic Printer	319,831	292,226	-	6,024	-	42,608
Morse	101,448	22,027	-	3,091	-	-
Circuits outside of Canada	2,352	7,441	-	-	-	-
<u>Telephone Circuits assigned to -</u>						
Long Distance	51,892	69,040	-	1,448	-	19,204
Train dispatching	17,018	13,841	-	521	-	-
Circuits outside of Canada	345	2,614	-	-	-	-
Miles of cable between Canadian stations	-	-	-	-	-	-
Miles of cable between Canadian and foreign stations	-	-	-	-	-	-
<u>TABLE 11 - POLE LINE MILEAGE</u>						
Owned by respondent	22,725	17,333	7,396	920	-	1,036
<u>Leased from another company (1)</u>						
Telegraph company	782	579	-	4	46	-
Telephone company	118	120	108	-	342	-
Other companies	599	110	-	-	-	-
Pole line mileage outside of Canada	244	(2) 296	-	-	-	-

(1) Includes space leased and also sole use.

(2) Includes 65 miles leased from telegraph companies and 21 miles leased from other companies

(3) Nautical miles

(4) Includes approximately 1,800 miles not operated in 1952.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1952

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company	Canadian Overseas Telecommu- ication Corporation	Commercial Cable Company	Total	
						<u>TABLEAU 10 - MILLAGE DE FIL AU CANADA</u>
						<u>Tout fil aérien (non en câble) -</u>
955	3,556	-	-	-	271,938	Cuivre
385	2,664	-	-	-	136,304	Fer
14	622	-	-	-	24,034	Fil en câble (en service)
1,354	6,842	-	-	-	432,276	Total milles de fil au Canada
					5,305	Total milles de fil en dehors du Canada
1,354	6,842	-	-	-	437,581	Total millage de fil
						<u>Milles de Câble</u>
1	53	-	-	-	1,064	Aérien
1	137	-	-	-	560	Souterrain
-	17	-	-	-	353	Sous-marin
- 2	207	-	-	-	1,977	Milles de câble au Canada
-	-	-	-	-	2	Milles de câble en dehors du Canada
- 2	207	-	-	-	1,979	Total
						<u>Milles de fil porteur, circuit de telegraphe et de telephone</u>
						<u>Canaux porteurs</u>
3,759	-	-	-	-	588,087	Télégraphe
8,905	-	-	-	-	104,736	Téléphone
-	-	-	-	-	8,071	Canaux à l'extérieur du Canada
						<u>Circuits de Télégraphes -</u>
5,793	-	-	-	-	666,482	Télétype
1,938	-	-	-	-	128,504	Morse
-	-	-	-	-	9,793	Reliés à l'extérieur du Canada
						<u>Circuits de téléphone -</u>
17,001	-	-	-	-	158,585	Service inter urbain
377	-	-	-	-	31,757	Expédition des trains
-	-	-	-	-	2,959	Reliés à l'extérieur du Canada
-	(3) 1,210	-	-	(3) 910	2,120	Milles de câble entre stations canadiennes
-	(3) 22,941	-	(3) 23,826	(4) 16,165	62,932	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 11 - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
651	701	-	-	-	50,762	Occupées par le propriétaire
						<u>Louées d'une autre compagnie (1) -</u>
-	4	-	-	-	1,415	Compagnie de télégraphe
-	-	-	-	-	688	Compagnie de téléphone
-	-	-	-	-	709	Autres compagnies
-	-	-	-	-	540	Millage de ligne sur poteaux à l'étranger

- (1) Comprend espace loué et usage exclusif.  
(2) Comprend 65 milles loués de la compagnie de télégraphe et 21 milles loués d'autre compagnies.  
(3) Milles nautiques  
(4) Y compris environ 1,800 milles inexploités en 1951.



TELEGRAPH AND CABLE STATISTICS, 1952

<u>TABLE 12</u>	Newfoundland Terre Neuve	Prince Edward Island Île du Pr. Édouard	Nova Scotia Nouvelle Écosse	New Brunswick Nouveau Brunswick	Quebec — Québec	Ontario — Ontario	Manitoba — Manitoba
Pole line mileage	1,324	285	2,666	2,173	5,873	10,569	4,184
Wire mileage	8,022	956	17,345	19,382	53,164	134,079	33,734
Number of offices	644	38	207	138	802	1,383	330
Telegrams sent	1,087,994	103,185	1,105,068	720,693	4,009,146	6,143,979	1,226,722

<u>TABLE 13 - MARCONI WIRELESS MESSAGES</u>	Year ended December 31 -			
	Newfoundland - Terre Neuve		Nova Scotia - Nouvelle Écosse	
	1952	1951	1952	1951
Commercial messages sent to ships and stations	17,081	22,137	5,862	4,958
Commercial messages received from ships and stations	17,363	23,746	10,143	9,158
Government messages sent to ships	3,728	2,708	4,690	3,373
Government messages received from ships	360	509	515	314
Service messages sent to ships and stations	3,137	3,785	962	1,122
Service messages received from ships and stations	3,304	3,759	961	1,033
Government messages sent to stations	4,796	951	1,819	1,820
Government messages received from stations	4,718	1,009	7,035	5,972
Total	54,487	58,604	31,987	27,750

TABLE 14 - MESSAGES HANDLED BY MARINE RADIO STATIONS OF DEPARTMENT OF TRANSPORT	Year ended March 31									
	Newfoundland Terre Neuve		Nova Scotia Nouvelle Ecosse		New Brunswick Nouveau Brunswick		Quebec —— Québec		Ontario —— Ontario	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
Commercial messages to and from ships (6)	6,233	5,175	32,743	32,300	4,305	3,641	70	21	-	-
Commercial messages to and from stations	3,006	658	609	1,597	4	-	5,264	6,550	292	134
Government messages to and from ships	15,921	22,325	36,606	34,058	2,841	3,098	336	519	-	-
Government messages to and from stations	4,356	5,498	22,719	21,202	2,002	2,425	15,307	18,278	17,133	38,793
Total	29,516	33,656	92,677	89,157	9,152	9,164	20,977	25,368	17,425	38,927

<u>TABLE 15 - VALUE OF WORK CARRIED OUT, 1952</u>	<u>TABLEAU 15 - VALEUR DE TRAVAUX EXECUTES, 1952</u>			
	New Construction — Construction Nouvelle	Alteration and Maintenance Repair Work — Modifications, Entretien et Réparations	Total — Total	
By company employees	10,801,776	4,918,367	15,720,143	Par les employés de la compagnie
By contractors	133,653	48,065	181,718	Par les entrepreneurs
Total	10,935,429	4,966,432	15,901,861	Total

- (1) Includes 1,397 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph and other companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore simplex radio-telephone traffic included in totals:

	1952	1951
Paid messages to ships .....	5,731	5,391
Paid messages from ships .....	37,125	35,824
Government messages to ships ..	2,762	2,772
Government messages from ships	151	100
Service messages to ships ....	3	4
Service messages from ships ..	3	11
- (6) Includes 5,764 duplex radio-telephone ship to shore calls.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1952

Saskatchewan Saskatchewan	Alberta Alberta	British Columbia Colombie Britannique	Yukon Yukon	United States Etats Unis	Total Total	TABLEAU 12
9,175 54,003 665 783,282	7,521 48,494 493 1,651,090	8,014 60,813 539 2,661,879	375 2,284 9 18,105	540 5,305 8 2,107	(1) 52,699 437,581 5,256 19,513,250	Milles de ligne sur poteaux Milles de fil Nombre de bureaux Télégrammes envoyés

- Année Terminée le 31 décembre

(3) Quebec - Québec

(4) Ontario

TABLEAU 13 - RADIOGRAMMES MARCONI

1952 1951 1952 1951

Messages commerciaux aux vaisseaux et aux stations  
Messages commerciaux des vaisseaux et des stations  
Messages du gouvernement aux vaisseaux  
Messages du gouvernement des vaisseaux

Messages de service aux vaisseaux et aux stations  
Messages de service des vaisseaux et des stations  
Messages du gouvernement aux stations  
Messages du gouvernement des stations

Total (5)

- Année terminée le 31 mars

TABLEAU 14 - MESSAGES TRANSMIS PAR LES POSTES  
DE RADIO DU MINISTRE DES TRANSPORTS

Manitoba  
Manitoba

British Columbia  
Colombie Britannique

Yukon and N.W.T.  
Yukon et Territoires du Nord-ouest

Total

Total

1953	1952	1953	1952	1953	1952	1953	1952
351 3,581 - 78,761 82,693	324 3,821 5 84,064 88,214	21,321 128,950 32,578 135,318 318,167	16,442 68,063 71,231 110,353 266,089	199 2,269 1,562 29,297 33,327	245 2,279 1,255 32,849 36,629	65,222 143,975 89,844 304,893 603,934	58,148 83,102 132,491 313,462 587,203

Messages commerciaux de navires et aux navires (6)  
Messages commerciaux des stations et aux stations  
Messages gouvernementaux des navires et aux navires  
Messages gouvernementaux des stations et aux stations

Total

- (1) Comprend 1,397 milles au Canada loués des compagnies de téléphone ou d'énergie et 86 milles en dehors du Canada loués de compagnies de télégraphe et autres. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.
- (2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.
- (3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.
- (4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grand Lacs.
- (5) Transmission radio téléphonique de vaisseaux-aux-côtes compris dans les totaux:

	1952	1951
Messages payés envoyés aux vaisseaux.....	5,731	5,391
Messages payés envoyés des vaisseaux .....	37,125	35,824
Messages du gouvernement adressés aux vaisseaux .	2,762	2,772
Messages de vaisseaux adressés au gouvernement ..	151	100
Messages de service envoyés aux vaisseaux .....	3	4
Messages de service envoyés des vaisseaux .....	3	11
- (6) Comprend 5,764 appels radio-téléphoniques duplex du navire à la côte.











CANADA

UNIVERSITY OF TORONTO  
DEPT. OF POLITICAL ECONOMY

# TELEGRAPH AND CABLE STATISTICS

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## STATISTIQUES DES TÉLÉGRAPHES ET CÂBLES

### 1953

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# TELEGRAPH AND CABLE STATISTICS

## STATISTIQUES DES TÉLÉGRAPHES ET CÂBLES

1953

Canada's communication network showed further expansion during 1953. Gross revenues reached a new high at \$36,920,384, for an increase of \$3,826,541 or 11.6 p.c. over \$33,093,843 in 1952. Operating expenses at \$33,953,196 for 1953 show a relatively smaller increase of \$2,336,040 or 7.4 p.c. over the \$31,617,156 reported for 1952. The net operating revenue increased from \$1,476,687 in 1952 to \$2,967,188 in 1953, an impressive \$1,499,501 or 100.9 p.c. boost. Canadian National Telegraphs was mainly responsible for this improvement turning a net operating loss of \$19,440 in 1952 into a net operating revenue of \$1,356,427 in 1953. Net income at \$2,128,350 for all companies was up \$1,512,569 or 245.6 p.c. over the \$615,781 reported for 1952.

Numbers of telegrams transmitted during 1953 declined slightly to 21,222,706 from 21,614,196 in 1952, a drop of 1.8 p.c. Telegrams sent stood at 19,041,216 in 1953 compared with 19,513,250 sent in 1952. Telegrams received from the United States amounted to 2,181,490 in 1953 and 2,100,946 in 1952. Conversely, cablegrams transmitted numbering 2,042,921 in 1953 as against 1,934,433 in 1952 shows a rise of 108,488 or 5.6 p.c. Money transfers also shared in the increase, reporting \$21,555,387 for 1953 against \$19,514,490 for 1952, up \$2,040,897 or 10.5 p.c.

Employment in the industry was higher with 11,618 employees in 1953 against 11,272 in 1952. Total salaries rose to \$33,774,830 in 1953 from \$29,817,720 in 1952, up \$3,957,110 or 13.3 p.c. The average annual salary was \$2,645 for 1952 and \$2,907 for 1953. A net of 51 offices were added to the 5,256 offices reported in 1952, bringing the total to 5,307 for 1953. The cost of property and equipment at \$110,830,723 in 1953 was up \$10,610,131 or 10.6 p.c. from \$100,220,592 reported in 1952. Wire mileage at 450,835 miles for 1953 was up from 437,581 in 1952. Cable mileage, however, dropped from 1,979 in 1952 to 1,291 in 1953, a drop of 34.8 p.c. Pole line mileage remained practically unchanged at 52,727 in 1953 as compared with 52,699 for 1952.

Le réseau de communications du Canada a accusé une nouvelle expansion en 1953. Les revenus bruts ont touché un sommet de \$36,920,384, augmentation de \$3,826,541 ou de 11.6 p. 100 sur ceux (\$33,093,196) de 1952. Les frais d'exploitation établis à \$33,953,196 en 1953 ont accusé une avance relativement moins importante, soit \$2,336,040 ou 7.4 p. 100 sur le total (\$31,617,156) déclaré en 1952. Les recettes nettes d'exploitation sont passées de \$1,476,687 en 1952 à \$2,967,188 en 1953, augmentation sensible de \$1,499,501 ou de 100.9 p. 100. Cette augmentation est principalement attribuable au réseau de télégraphe du National-Canadien qui a transformé une perte nette d'exploitation de \$19,440 en 1952 en un revenu net d'exploitation de \$1,356,427 en 1953. Le revenu net (\$2,128,350) de toutes les compagnies a atteint \$1,512,569 ou 245.6 p. 100 de plus que le total (\$615,781) déclaré en 1952.

Le nombre de télégrammes transmis en 1953 a légèrement diminué, soit à 21,222,706 contre 21,614,196 en 1952, recul de 1.8 p. 100. Les télégrammes expédiés se sont chiffrés par 19,041,216 en 1953 en comparaison de 19,513,250 en 1952. Les télégrammes reçus des États-Unis se sont élevés à 2,181,490 contre 2,100,946 en 1952. D'autre part, les câblogrammes transmis se sont chiffrés par 2,042,921 en 1953 contre 1,934,433 en 1952, soit une avance de 108,488 ou de 5.6 p. 100. Les transferts monétaires ont aussi participé à l'augmentation; ils se sont établis à \$21,555,387 en 1953 contre \$19,514,490 en 1952, avance de \$2,040,897 ou de 10.5 p. 100.

L'emploi dans l'industrie a augmenté, et on compte 11,618 employés en 1953 contre 11,272 en 1952. Les salaires globaux sont passés de \$29,817,720 en 1952 à \$33,774,830 en 1953, avance de \$3,957,110 ou de 13.3 p. 100. Le salaire annuel moyen était de \$2,645 en 1952 et de \$2,907 en 1953. Aux 5,256 bureaux déclarés en 1952 s'en sont ajoutés 51 en 1953, portant le total à 5,307. Le coût des biens et de l'équipement établi à \$110,830,723 en 1953 représente une augmentation de \$10,610,131 ou de 10.6 p. 100 sur celui de 1952 (\$100,220,592). Les 450,835 milles de fil de 1953 constituent une augmentation sur 1952 (437,581). Les milles de câble cependant ont diminué au regard de 1952, passant de 1,979 à 1,291 recul de 34.8 p. 100. Les milles de lignes sur poteaux sont demeurés à peu près les mêmes, soit 52,727 en 1953 contre 52,699 en 1952.





Summary of Telegraph and Cable Statistics, 1943-1953  
Résumé de Statistiques des Télégraphes et Câbles, 1943-1953

Year — Année	Cost of property and equipment — Coût de la propriété et de l'outillage	Gross revenues — Recettes brutes	Operating expenses — Dépenses d'exploitation	Net revenues — Recettes nettes	Net corporate income — Revenue net des compagnies
	\$	\$	\$	\$	\$
1943 .....	52,553,160	16,955,288	12,942,108	4,013,180	4,726,019
1944 .....	53,673,848	16,985,491	14,404,835	2,581,656	3,447,191
1945 .....	55,066,899	18,016,289	15,062,231	2,954,058	2,952,763
1946 .....	63,910,009	17,997,726	16,028,900	1,968,826	1,509,519
1947 .....	67,110,646	18,514,525	17,359,796	1,154,729	939,487
1948 .....	71,120,585	19,422,788	20,292,402	Dr. 869,614	Dr. 1,468,824
1949 .....	76,248,953	22,256,557	22,062,943	193,614	Dr. 62,571
1950 .....	82,295,908	23,922,225	22,545,625	1,376,600	853,015
1951 .....	90,505,832	29,128,473	27,807,547	1,320,926	653,586
1952 .....	100,220,592	33,093,843	31,617,156	1,476,687	615,781
1953 .....	110,830,723	36,920,384	33,953,196	2,967,188	2,128,350
	Pole line mileage — Milles de ligne sur poteaux	Wire mileage — Milles de fil	Employees <sup>1</sup> — Employés <sup>1</sup>	Salaries and wages — Salaires et gages	
				\$	
1943 .....	52,414	384,350	8,330	12,598,548	
1944 .....	52,414	387,677	8,050	13,634,064	
1945 .....	52,447	391,476	8,230	13,992,806	
1946 .....	52,523	400,981	8,603	15,566,309	
1947 .....	51,024	401,803	8,711	17,193,861	
1948 .....	50,958	405,640	9,093	20,289,617	
1949 .....	52,535	413,759	9,555	21,689,856	
1950 .....	51,999	414,943	9,757	22,299,246	
1951 .....	53,580	435,348	10,611	27,058,260	
1952 .....	52,699	437,581	11,272	29,817,720	
1953 .....	52,727	450,835	11,618	33,774,830	
	Telegrams — Télégrammes				
	Sent <sup>2</sup> — Envoyés <sup>2</sup>	Received from the United States — Reçus des Etats-Unis	Cablegrams <sup>3</sup> — Câblogrammes <sup>3</sup>	Money Transfers — Transferts d'argent	
				\$	
1943 .....	14,766,198	1,703,366	3,013,752	7,677,080	
1944 .....	14,805,161	1,640,289	2,324,863	8,242,926	
1945 .....	15,758,247	1,908,657	2,192,173	8,006,128	
1946 .....	16,221,953	2,219,888	1,845,539	9,247,100	
1947 .....	16,595,980	2,391,794	1,613,621	10,988,591	
1948 .....	16,970,011	2,943,457	1,579,679	11,512,194	
1949 .....	18,099,644	1,963,434	1,642,278	12,469,348	
1950 .....	18,519,584	1,958,191	1,687,721	12,733,989	
1951 .....	19,693,085	2,122,752	1,785,836	16,955,699	
1952 .....	19,513,250	2,100,946	1,934,433	19,514,490	
1953 .....	19,041,216	2,181,490	2,042,921	21,555,387	

1. Excludes commission operators. — A l'exclusion des opérateurs à commission.  
2. Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario. — Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.  
3. Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean. — Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit dans l'Océan Atlantique.

Telegraph and Cable Statistics, 1953

No.		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Com- munication System
	<b>Revenues:</b>						
1	Commercial telegraph tolls..... \$	9,840,502	6,661,733	871,904	87,552	40,438	80,818
2	Telegraph tolls on cable messages..... \$	396,408	971,487	—	126	—	—
3	Press telegraph tolls..... \$	135,374	162,044	—	408	—	—
4	Money transfer tolls..... \$	269,316	127,166	—	44	2,055	725
5	Stock and commercial news revenue..... \$	23,500	131,310	—	—	—	—
6	Weather reports..... \$	41,026	16,278	—	—	—	—
7	Ticker rentals..... \$	434,445	123,138	—	—	—	—
8	Other telegraph transmission revenue..... \$	860	—	—	65,570	—	294
9	Telephone debits..... \$	Dr. 23,325	—	—	—	—	—
10	Commercial cable tolls..... \$	—	—	—	—	—	—
11	Press cable tolls..... \$	—	—	—	—	—	—
12	Other cable transmission revenue..... \$	—	—	—	—	—	—
13	Rents from leased lines and wires..... \$	3,585,048	4,218,365	—	—	2,408,634	880,595
14	Rents from other operated property..... \$	845,152	750,938	—	—	—	11,532
15	Money transfer premiums..... \$	135,402	62,505	—	71	—	—
16	Other non-transmission revenue..... \$	269,277	136,889	115,190	—	1,200	—
17							
18	<b>Total..... \$</b>	<b>15,952,985</b>	<b>13,361,853</b>	<b>987,094</b>	<b>153,771</b>	<b>2,452,327</b>	<b>973,964</b>
	<b>Expenses:</b>						
19	Maintenance of line and equipment..... \$	4,478,006	3,401,918	387,788	—	1,585	557,318
20	Supervision of operations..... \$	839,808	834,593	27,410	3,956	—	37,452
21	Operators..... \$	3,740,036	2,699,150	482,320	27,440	36,286	4,691
22	Commissions..... \$	735,855	266,006	19,905	6,995	1,701	4,562
23	Other operating expenses..... \$	4,545,903	3,250,487	401,298	26,594	2,398,876	224,505
24	Salaries of general officers and general office clerks \$	72,513	261,579	94,700	—	9,532	27,395
25	General office expenses..... \$	15,777	57,244	23,951	—	890	—
26	General law expenses..... \$	285	18,104	—	—	—	—
27	Insurance..... \$	—	9,800	—	—	282	28
28	Other general expenses..... \$	168,375	305,256	1,622	—	3,263	23,798
29	<b>Total..... \$</b>	<b>14,596,558</b>	<b>11,104,137</b>	<b>1,438,994</b>	<b>64,985</b>	<b>2,452,415</b>	<b>879,749</b>
	<b>Income:</b>						
30	Revenues..... \$	15,952,985	13,361,853	987,094	153,771	2,452,327	973,964
31	Expenses..... \$	14,596,558	11,104,137	1,438,994	64,985	2,452,415	879,749
32	<b>Net operating revenue..... \$</b>	<b>1,356,427</b>	<b>2,257,716</b>	<b>Dr. 451,900</b>	<b>88,786</b>	<b>Dr. 88</b>	<b>94,215</b>
33	Income from lease of plant and rents..... \$	549	—	—	—	—	—
34	Other income..... \$	167,010	—	—	—	5,320	—
35	<b>Gross income..... \$</b>	<b>1,523,986</b>	<b>2,257,716</b>	<b>Dr. 451,900</b>	<b>88,786</b>	<b>5,232</b>	<b>94,215</b>
36	Taxes..... \$	282,452	231,570	—	274	3,610	—
37	Rents payable..... \$	273,632	—	—	3,835	—	—
38	Interest on funded debt..... \$	—	—	—	—	—	—
39	Other deductions..... \$	23,367	—	—	—	—	—
40	<b>Net income..... \$</b>	<b>944,535</b>	<b>2,026,146</b>	<b>Dr. 451,900</b>	<b>84,677</b>	<b>1,622</b>	<b>94,215</b>
	<b>Telegrams transmitted:</b>						
	<b>Sent:</b>						
41	Telegrams..... No.	9,275,852	6,100,242	763,755	117,045	49,436	29,764
42	Press (equated 30 words to message)..... "	923,677	1,099,358	—	4,158	6,051	—
43	Money transfers..... "	167,264	78,227	—	92	957	116
44	C.N.D. (equated 30 words to message)..... "	203,036	2,387	—	—	—	—
45	<b>Total..... "</b>	<b>10,569,829</b>	<b>7,280,214</b>	<b>763,755</b>	<b>121,295</b>	<b>56,444</b>	<b>29,880</b>
	<b>Received from the United States:</b>						
46	Telegrams..... "	1,513,140	521,962	—	—	3,065	4,398
47	Press (equated 30 words to message)..... "	80,114	15,346	—	—	54	—
48	Money transfers..... "	31,541	4,332	—	—	41	107
49	C.N.D. (equated 30 words to message)..... "	899	1,941	—	—	780	—
50	<b>Total..... "</b>	<b>1,625,694</b>	<b>543,581</b>	<b>—</b>	<b>—</b>	<b>3,940</b>	<b>4,505</b>

1. Includes 23 radio coast stations only, operated on behalf of Canadian Government.

2. \$113,710 is a credit for maintenance expenses on through traffic.

3. \$597,021 is net credit accruing from commonwealth net work operations.

4. Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia and Newfoundland.

Statistiques des Télégraphes et Câbles, 1953

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company <sup>1</sup>	Canadian Overseas Telecom- munication Corporation	Commercial Cable Company	Total		No
99,737	113,710 <sup>2</sup>	—	—	—	17,796,394	<b>Recettes:</b>	
306	—	—	—	—	1,368,327	Droits sur télégrammes commerciaux .....	1
2,471	—	—	—	—	300,297	Droits des compagnies de télégraphe sur câblogrammes ....	2
5,018	—	—	—	—	404,324	Droits sur télégrammes officiels .....	3
—	—	—	—	—	154,810	Droits sur transferts d'argent .....	4
582	—	—	—	—	57,886	Messages financiers et commerciaux .....	5
—	—	—	—	—	557,583	Rapports météorologiques .....	6
—	—	—	—	—	66,724	Loyer de télégraphe imprimeur .....	7
—	—	—	—	—	23,325	Autres expéditions de câblogrammes .....	8
—	110,414	81,771	1,241,450	284,575	Dr. 1,718,210	Débites téléphoniques .....	9
—	—	—	—	—	—	Droits sur câblogrammes commerciaux .....	10
—	—	—	211,268	—	211,268	Droits sur câblogrammes de la presse .....	11
77,743	—	—	—	3,935	11,174,320	Autres expéditions de câblogrammes .....	12
—	—	—	—	—	1,607,622	Loyer de lignes et de fils .....	13
—	—	—	—	—	197,978	Loyer sur autre propriété exploitée .....	14
—	95,437	—	112,952	—	730,945	Primes sur transferts d'argent .....	15
—	—	—	597,021 <sup>3</sup>	—	597,021	Autres revenus divers .....	16
185,857	319,561	81,771	2,162,691	288,510	36,920,384	<b>Total</b> .....	17
45,764	162,448	72,238	858,213	144,900	10,110,178	<b>Dépenses:</b>	
1,105	37,500	—	—	—	1,781,824	Entretien des lignes et de l'outillage .....	19
34,679	72,894	300,986	565,618	53,832	8,017,932	Surveillance de l'exploitation .....	20
6,268	—	—	—	—	1,041,292	Opérateurs .....	21
52,684	36,849	—	142,676	112,167	11,192,039	Commissions .....	22
13,625	41,784	55,529	306,892	—	883,549	Autres dépenses d'exploitation .....	23
6,840	—	—	—	—	104,702	Salaires des officiers et des commis du siège social	24
—	24,135	—	—	—	42,524	Dépenses générales du siège social .....	25
139	—	—	—	—	10,249	Frais juridiques généraux .....	26
—	145,828	—	78,494	42,271	768,907	Assurance .....	27
161,104	521,438	428,753	1,951,893	353,170	33,953,196	Autres dépenses générales .....	28
185,857	319,561	81,771	2,162,691	288,510	36,920,384	<b>Total</b> .....	29
161,104	521,438	428,753	1,951,893	353,170	33,953,196	<b>Revenu:</b>	
24,753	Dr. 201,877	Dr. 346,982	210,798	Dr. 64,660	2,967,188	Recettes .....	30
—	—	—	—	—	549	Dépenses .....	31
—	—	—	8,472	—	180,802	<b>Recettes nettes d'exploitation</b> .....	32
24,753	Dr. 201,877	Dr. 346,982	219,270	Dr. 64,660	3,148,539	Location d'établissement et loyers .....	33
1,160	7,541	—	74,101	19,744	620,452	Autre revenu .....	34
2,089	5,367	—	—	—	284,923	<b>Revenu brut</b> .....	35
—	—	—	120,236	—	120,236	Taxes .....	36
—	—	—	Cr. 28,789	—	Cr. 5,422	Loyers à percevoir .....	37
21,504	Dr. 214,785	Dr. 346,982	53,722	Dr. 84,404	2,128,350	Intérêt sur la dette fondée .....	38
95,267	—	122,319 <sup>4</sup>	—	—	16,553,680	Autres déductions .....	39
438	—	—	—	—	2,033,682	<b>Revenu net</b> .....	40
1,775	—	—	—	—	248,431	<b>Télégrammes transmis:</b>	
—	—	—	—	—	205,423	Envoyés:	
97,480	—	122,319	—	—	19,041,216	Télégrammes .....	41
3,610	—	—	—	—	2,046,175	Press (30 mots équivalent à un message) .....	42
4	—	—	—	—	95,518	Transferts d'argent .....	43
156	—	—	—	—	36,177	Expédition de nouvelles commerciales (30 mots équivalent à un message) .....	44
—	—	—	—	—	3,620	<b>Total</b> .....	45
3,770	—	—	—	—	2,181,490	Reçus des États-Unis:	
—	—	—	—	—	—	Télégrammes .....	46
—	—	—	—	—	—	Presse (30 mots équivalent à un message) .....	47
—	—	—	—	—	—	Transferts d'argent .....	48
—	—	—	—	—	—	Expédition de nouvelles commerciales (30 mots équivalent à un message) .....	49
—	—	—	—	—	—	<b>Total</b> .....	50

1. Comprend seulement 23 stations côtières de radio exploitées pour le compte du gouvernement canadien.

2. \$113,710 est un crédit pour les dépenses d'entretien sur les messages relayés.

3. \$597,021 est le crédit net découlant de l'exploitation des réseaux du commerce.

4. Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario et les stations et les stations dans la Nouvelle-Ecosse et Terre-Neuve.



Telegraph and Cable Statistics, 1953 - Continued

No.		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Com- munication System
	<b>Telegrams Transmitted— Concluded:</b>						
	Total telegrams transmitted:						
1	Telegrams .....No.	10,788,992	6,622,204	763,755	117,045	52,501	34,162
2	Press (equated 30 words to message) .....	1,003,791	1,114,704	—	4,158	6,105	—
3	Money transfers .....	198,805	82,559	—	92	998	223
4	C.N.D. (equated 30 words to message) .....	203,935	4,328	—	—	780	—
5	<b>Grand Total .....</b>	<b>12,195,523</b>	<b>7,823,795</b>	<b>763,755</b>	<b>121,295</b>	<b>60,384</b>	<b>34,385</b>
	<b>Cablegrams transmitted:</b>						
	Messages sent:						
6	Transferred to cable companies .....	245,591	560,659	—	—	—	—
7	Transferred to Canadian land lines .....	—	—	—	576	2,328	100
8	Transferred to foreign land lines .....	—	—	—	—	—	—
9	Transferred to wireless companies .....	—	—	—	—	25	—
10	<b>Total .....</b>	<b>245,591</b>	<b>560,659</b>	<b>—</b>	<b>576</b>	<b>2,353</b>	<b>100</b>
	Messages received:						
11	Transferred from cable companies .....	141,127	551,874	—	—	—	—
12	Transferred from Canadian land lines .....	—	—	—	544	3,332	214
13	Transferred from foreign land lines .....	—	—	—	—	—	—
14	Transferred from wireless companies .....	—	—	—	—	505	—
15	<b>Total .....</b>	<b>141,127</b>	<b>551,874</b>	<b>—</b>	<b>544</b>	<b>3,837</b>	<b>214</b>
	Originated in Canada:						
16	Received from land lines .....	—	—	—	—	—	—
17	Filed in cable office by sender .....	—	—	—	—	—	—
	Terminated in Canada:						
18	Delivered to land lines for delivery .....	—	—	—	—	—	—
19	Delivered direct to addressee .....	—	—	—	—	—	—
20	Originated and terminated in other countries and handled at Canadian stations (not included above).	6,158	—	—	—	—	—
21	<b>Grand total (including duplications) .....</b>	<b>392,876</b>	<b>1,112,533</b>	<b>—</b>	<b>1,120</b>	<b>6,190</b>	<b>314</b>
22	<b>Grand total (excluding duplications) .....</b>	<b>386,718</b>	<b>1,112,533</b>	<b>—</b>	<b>1,120</b>	<b>6,190</b>	<b>314</b>
	<b>Money transfer:</b>						
	Money transfers to:						
23	United States .....	\$ 3,156,352	2,015,311	—	—	7,203	—
24	United Kingdom .....	\$ 75,475	—	—	—	—	—
25	Other foreign countries .....	\$ —	—	—	—	—	—
26	<b>Total .....</b>	<b>\$ 3,231,827</b>	<b>2,015,311</b>	<b>—</b>	<b>—</b>	<b>7,203</b>	<b>—</b>
	Money transfers from:						
27	United States .....	\$ 3,238,124	379,528	—	—	4,407	17,394
28	United Kingdom .....	\$ —	—	—	—	—	—
29	Other foreign countries .....	\$ —	—	—	—	—	—
30	Between Canadian stations .....	\$ 8,247,465	4,364,242	—	5,771	34,966	9,149
31	<b>Total .....</b>	<b>\$ 11,485,589</b>	<b>4,743,770</b>	<b>—</b>	<b>5,771</b>	<b>39,373</b>	<b>26,543</b>
	Money transfers to and from:						
32	United States .....	\$ 6,394,476	2,394,839	—	—	11,610	17,394
33	United Kingdom .....	\$ 75,475	—	—	—	—	—
34	Other foreign countries .....	\$ —	—	—	—	—	—
35	Between Canadian stations .....	\$ 8,247,465	4,364,242	—	5,771	34,966	9,149
36	<b>Grand total .....</b>	<b>\$ 14,717,416</b>	<b>6,759,081</b>	<b>—</b>	<b>5,771</b>	<b>46,576</b>	<b>26,543</b>
	<b>Employees— salaries and wages:</b>						
	Number of employees:						
37	Operators .....	No. 1,508	1,022	385	10	8	23
38	Other officers and employees .....	4,277	3,274	234	25	10	122
39	<b>Total .....</b>	<b>5,785</b>	<b>4,296</b>	<b>619</b>	<b>35</b>	<b>18</b>	<b>145</b>
40	Total salaries and wages .....	\$ 17,770,938 <sup>3</sup>	12,214,935 <sup>3</sup>	828,188	88,549	46,980	453,672

1. Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia and Newfoundland.
2. Commercial messages to and from ships in Nova Scotia and Newfoundland.
3. Includes wages chargeable to railway operations.
4. Includes 84 part time employees.
5. Includes 23 radio coast stations only, operated on behalf of Canadian Government.
6. Includes 2,096 female employees.

**Statistiques des Télégraphes et Câbles, 1953 - suite**

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company <sup>5</sup>	Canadian Overseas Telecom- munication Corporation	Commercial Cable Company	Total		No
						<b>Télégrammes Transmis— fin:</b>	
						Total:	
98,877	—	122,319 <sup>1</sup>	—	—	18,599,855	Télégrammes .....	1
442	—	—	—	—	2,129,200	Presse (30 mots équivalent à un message) .....	2
1,931	—	—	—	—	284,608	Transferts d'argent .....	3
—	—	—	—	—	209,043	Expédition de nouvelles commerciales (30 mots équivalent à un message.) .....	4
<b>101,250</b>	<b>—</b>	<b>122,319</b>	<b>—</b>	<b>—</b>	<b>21,222,706</b>	<b>Total .....</b>	<b>5</b>
						<b>Câblogrammes Transmis:</b>	
						Messages envoyés:	
—	144,789	—	—	—	951,039	Transférés aux compagnies de câble .....	6
1,060	—	—	—	—	4,064	Transférés aux lignes de terre canadiennes .....	7
—	—	—	—	—	—	Transférés aux lignes continentales étrangères ...	8
—	—	—	—	—	25	Transférés aux compagnies de sans-fil .....	9
<b>1,060</b>	<b>144,789</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>955,128</b>	<b>Total .....</b>	<b>10</b>
						Messages reçus:	
—	114,581	—	—	—	807,582	Transférés des compagnies de câble .....	11
1,144	—	—	—	—	5,234	Transférés des lignes de terre canadiennes .....	12
—	—	—	—	—	—	Transférés des lignes continentales étrangères ...	13
—	—	—	—	—	505	Transférés des compagnies de sans-fil .....	14
<b>1,144</b>	<b>114,581</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>813,321</b>	<b>Total .....</b>	<b>15</b>
						Provenant du Canada:	
—	—	879	339,729	155,217	495,825	Reçus par lignes de terre .....	16
—	—	—	64,821	51,096	115,917	Reçus de l'expéditeur au bureau du câble .....	17
						Arrivant au Canada:	
—	—	5,829	378,980	207,318	592,127	Transmis aux lignes de terre pour livraison .....	18
—	—	—	120,641	37,914	158,555	Transmis directement au destinataire .....	19
—	—	—	1,096,907	—	1,103,065	En provenance de et destinés à d'autres pays et transmis aux stations canadiennes (non compris ci-dessus).	20
<b>2,204</b>	<b>259,370</b>	<b>6,708<sup>2</sup></b>	<b>2,001,078</b>	<b>451,545</b>	<b>4,233,938</b>	<b>Grand total (y compris les répétitions) .....</b>	<b>21</b>
<b>2,204</b>	<b>259,370</b>	<b>—</b>	<b>185,462</b>	<b>89,010</b>	<b>2,042,921</b>	<b>Grand total (moins les répétitions) .....</b>	<b>22</b>
						<b>Transferts d'argent:</b>	
						Transferts d'argent:	
—	—	—	—	—	5,178,866	Aux États-Unis .....	23
—	—	—	—	—	75,475	Au Royaume-Uni .....	24
—	—	—	—	—	—	A d'autres pays étrangers .....	25
—	—	—	—	—	<b>5,254,341</b>	<b>Total .....</b>	<b>26</b>
						Transferts d'argent:	
—	—	—	—	—	3,639,453	Des États-Unis .....	27
—	—	—	—	—	—	Du Royaume-Uni .....	28
—	—	—	—	—	—	D'autres pays étrangers .....	29
—	—	—	—	—	12,661,593	Entre stations canadiennes .....	30
—	—	—	—	—	<b>16,301,046</b>	<b>Total .....</b>	<b>31</b>
						Transferts d'argent:	
—	—	—	—	—	8,818,319	Aux et des États-Unis .....	32
—	—	—	—	—	75,475	Au et du Royaume-Uni .....	33
—	—	—	—	—	—	A et d'autres pays étrangers .....	34
—	—	—	—	—	12,661,593	Entre stations canadiennes .....	35
—	—	—	—	—	<b>21,553,387</b>	<b>Total .....</b>	<b>36</b>
						<b>Employés — salaires et gages:</b>	
						Nombre d'employés:	
11	69	83	124	10	3,253	Opérateurs .....	37
96	83	—	184	60	8,365	Autres officiers et employés .....	38
<b>107<sup>4</sup></b>	<b>152</b>	<b>83</b>	<b>308</b>	<b>70</b>	<b>11,618<sup>6</sup></b>	<b>Total .....</b>	<b>39</b>
99,938	539,896	300,986	1,210,333	220,415	33,774,830	Total des salaires et gages .....	40

1. Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario et messages envoyés aux stations et reçus des stations dans la Nouvelle-Écosse et Terre-Neuve.

2. Messages commerciaux aux et des vaisseaux en Nouvelle-Écosse et Terre-Neuve.

3. Comprend les gages imputables sur le chemin de fer.

4. Comprend 84 employés à temps partiel.

5. Comprend seulement 23 stations côtières de radio exploitées pour le compte du gouvernement canadien.

6. Comprend 2,096 employés féminins.

Telegraph and Cable Statistics, 1953 - Continued

No.		Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railways Company	North American Telegraph Company	Northwest Com- munication System
	<b>Employees—Salaries and wages—Concluded:</b>						
	Commission paid:						
1	To railway employees .....	\$ 140,079	117,572	—	6,995	1,700	4,562
2	To other persons .....	\$ 595,776	140,802	19,906	—	—	—
3	<b>Total .....</b>	<b>\$ 735,855</b>	<b>258,374</b>	<b>19,906</b>	<b>6,995</b>	<b>1,700</b>	<b>4,562</b>
	<b>Number of offices:</b>						
4	Number of offices at which telegrams or cablegrams are received and forwarded in Canada.	2,952	1,762	441	55	11	14
5	Offices outside of Canada .....	—	8	—	—	—	—
6	<b>Total .....</b>	<b>2,952</b>	<b>1,770</b>	<b>441</b>	<b>55</b>	<b>11</b>	<b>14</b>
7	Cost of property and equipment .....	\$ 50,113,616	37,334,993	9,105,000	862,119	24,721	2,302,092 <sup>1</sup>
	<b>Wire and cable mileage:</b>						
	Miles of wire:						
8	All overhead wires not in cables—copper .....	126,445	134,466	10,922	3,146	2	7,601
9	All overhead wires not in cables—iron .....	67,942	49,019	10,997	2,160	353	—
10	Wire in cable (in service) .....	8,965	15,474	2,687	37	—	708
11	<b>Total miles of wire in Canada .....</b>	<b>203,352</b>	<b>198,959</b>	<b>24,606</b>	<b>5,343</b>	<b>355</b>	<b>8,309</b>
12	Miles of wire outside of Canada .....	1,956	3,347	—	—	—	—
13	<b>Total wire mileage .....</b>	<b>205,308</b>	<b>202,306</b>	<b>24,606</b>	<b>5,343</b>	<b>355</b>	<b>8,309</b>
	Miles of cable:						
14	Overhead .....	254	173	19	—	—	11
15	Underground .....	81	204	—	3	—	1
16	Submarine .....	14	138	184	—	—	—
17	<b>Total miles of cable in Canada .....</b>	<b>349</b>	<b>515</b>	<b>203</b>	<b>3</b>	<b>—</b>	<b>12</b>
18	Miles of cable outside of Canada .....	2	—	—	—	—	—
19	<b>Total miles of cable .....</b>	<b>351</b>	<b>515</b>	<b>203</b>	<b>3</b>	<b>—</b>	<b>12</b>
	<b>Channel and Circuit Mileage:</b>						
	Miles of carrier channels:						
20	Telegraph .....	334,145	305,683	—	6,696	—	51,514
21	Telephone .....	49,540	47,265	—	317	—	14,287
22	Channels outside Canada .....	630	8,448	—	—	—	—
	Miles of telegraph circuits assigned to:						
23	Automatic printer .....	363,081	360,127	—	495	—	56,340
24	Morse .....	104,632	32,950	—	3,091	—	—
25	Circuits outside of Canada .....	2,432	9,653	—	—	—	—
	Miles of telephone circuits assigned to:						
26	Long distance .....	60,407	67,915	—	1,448	—	19,653
27	Train dispatching .....	17,364	14,257	—	577	—	—
28	Circuits outside of Canada .....	435	3,194	—	—	—	—
29	Miles of cable between Canadian stations <sup>5</sup> .....	—	—	—	—	—	—
30	Miles of cable between Canadian and foreign stations <sup>5</sup> .....	—	—	—	—	—	—
	<b>Pole line mileage:</b>						
31	Owned by respondent .....	22,870	17,459	7,375	920	—	1,039
32	Leased from another company <sup>3</sup> :						
32	Telegraph company .....	637	511	114	4	46	—
33	Telephone company .....	118	105	207	—	308	—
34	Other companies .....	532	41	—	—	—	—
35	Pole line mileage outside of Canada .....	244	296 <sup>4</sup>	—	—	—	—

1. \$2,302,092 represents one-half of total investment in telephone and telegraph system.

2. Represents investment of Canadian Government in the 23 radio coast stations.

3. Includes space leased and also sole use.

4. Includes 65 miles leased from telegraph companies and 21 miles leased from other companies.

5. Nautical miles.

6. Includes approximately 1,800 miles not operated in 1953.

**Statistiques des Télégraphes et Câbles, 1953 - suite**

Ontario Northland Railway	Western Union Telegraph Company	Canadian Marconi Company	Canadian Overseas Telecom- munication Corporation	Commercial Cable Company	Total		No
						<b>Employés - salaires et gages - fin</b>	
						Commissions payées:	
5,737	—	—	—	—	276,645	Aux employés de chemin de fer .....	1
531	—	—	—	—	757,015	A d'autres personnes .....	2
<b>6,268</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,033,660</b>	<b>Total .....</b>	<b>3</b>
						<b>Nombre de bureaux:</b>	
30	5	23	4	2	5,299	Nombre de bureaux où les câblogrammes et les télé- grammes sont reçus et envoyés au Canada.	4
—	—	—	—	—	8	Bureaux à l'étranger .....	5
<b>30</b>	<b>5</b>	<b>23</b>	<b>4</b>	<b>2</b>	<b>5,307</b>	<b>Total .....</b>	<b>6</b>
610,598	3,658,793	1,527,231 <sup>2</sup>	4,017,520	1,274,040	110,830,723	Coût de la propriété et de l'outillage au Canada .....	7
						<b>Millage de fil et de câble:</b>	
						Milles de fil:	
947	2,381	—	—	—	285,910	Tout fil aérien (non en câble) - cuivre .....	8
385	187	—	—	—	131,043	Tout fil aérien (non en câble) - fer .....	9
15	693	—	—	—	28,579	Fil en câble (en service) .....	10
<b>1,347</b>	<b>3,261</b>	—	—	—	<b>445,532</b>	<b>Total milles de fil au Canada .....</b>	<b>11</b>
—	—	—	—	—	5,303	Milles de fil en dehors du Canada .....	12
<b>1,347</b>	<b>3,261</b>	—	—	—	<b>450,835</b>	<b>Total millage de fil .....</b>	<b>13</b>
						Milles de câble:	
1	53	—	—	—	511	Aérien .....	14
1	137	—	—	—	427	Souterrain .....	15
—	15	—	—	—	351	Sous-marin .....	16
<b>2</b>	<b>205</b>	—	—	—	<b>1,289</b>	<b>Total milles de câble au Canada .....</b>	<b>17</b>
—	—	—	—	—	2	Milles de câble en dehors du Canada .....	18
<b>2</b>	<b>205</b>	—	—	—	<b>1,291</b>	<b>Total millage de câble .....</b>	<b>19</b>
						<b>Millage de canaux et circuits:</b>	
						Milles de canaux porteurs:	
4,381	5,020	—	—	—	707,439	Télégraphe .....	20
11,567	—	—	—	—	122,976	Téléphone .....	21
—	—	—	—	—	9,078	Canaux à l'extérieur du Canada .....	22
						Milles de circuits de télégraphe:	
7,329	2,061	—	—	—	789,433	Télétype .....	23
1,671	—	—	—	—	142,344	Morse .....	24
—	—	—	—	—	12,085	Reliés à l'extérieur du Canada .....	25
						Milles de circuits de téléphone:	
16,969	—	—	—	—	166,392	Service inter urbain .....	26
377	—	—	—	—	32,575	Expédition des trains .....	27
—	—	—	—	—	3,629	Reliés à l'extérieur du Canada .....	28
—	1,210	—	667	910	2,787	Milles de câble entre stations canadiennes <sup>5</sup> .....	29
—	21,460	—	23,744	16,166 <sup>6</sup>	61,370	Milles de câble entre stations canadiennes et étrangères <sup>5</sup> .....	30
						<b>Millage de ligne sur poteaux:</b>	
711	502	—	—	—	50,876	Occupés par le propriétaire .....	31
—	74	—	—	—	1,386	Louées d'une autre compagnie <sup>3</sup> :	
—	—	—	—	—	738	Compagnie de télégraphe .....	32
—	—	—	—	—	573	Compagnie de téléphone .....	33
—	—	—	—	—	540	Autres compagnies .....	34
—	—	—	—	—	—	Millage de ligne sur poteaux à l'étranger .....	35

- \$2,302,092 représentent la moitié des placements totaux dans les réseaux de télégraphe.
- Représente les placements du gouvernement canadien dans les 23 stations côtières de radio.
- Comprend espace loué et usage exclusif.
- Comprend 65 milles loués de la compagnie de télégraphe et 21 milles loués d'autres compagnies.
- Milles nautiques.
- Y compris environ 1,800 milles inexploités en 1953.



Telegraph and Cable Statistics, 1953 - Concluded

No.		Newfoundland — Terre-Neuve	Prince Edward Island — Île-du-Prince-Édouard	Nova Scotia — Nouvelle Écosse	New Brunswick — Nouveau-Brunswick	Quebec	Ontario				
	<b>Summary by provinces, 1953:</b>										
1	Poleline mileage.....	1,094	285	2,769	2,174	5,889	10,512				
2	Wire mileage.....	9,747	956	16,743	18,158	54,746	138,976				
3	Number of offices .....	658	38	207	140	807	1,401				
4	Telegrams sent .....	1,069,871	99,619	1,015,434	698,111	3,821,462	6,130,220				
		Newfoundland — Terre-Neuve			Nova Scotia — Nouvelle-Écosse						
		1953		1952		1953	1952				
	<b>Marconi wireless messages:</b>										
5	Commercial messages sent to ships and stations	16,046		17,081		4,722	5,862				
6	Commercial messages received from ships and stations.	16,724		17,363		9,060	10,143				
7	Government messages sent to ships .....	4,837		3,728		4,363	4,690				
8	Government messages received from ships .....	814		360		524	515				
9	Service messages sent to ships and stations .....	2,806		3,137		778	962				
10	Service messages received from ships and stations .....	2,945		3,304		804	961				
11	Government messages sent to stations .....	7,130		4,796		1,858	1,819				
12	Government messages received from stations .....	7,576		4,718		6,266	7,035				
13	<b>Total</b> <sup>5</sup> .....	58,878		54,487		28,375	31,987				
		Newfoundland — Terre-Neuve		Nova Scotia — Nouvelle-Écosse		New Brunswick — Nouveau-Brunswick		Quebec		Ontario	
		1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
	<b>Messages handled by marine radio stations of department of transport</b> <sup>7</sup> — year ended March 31:										
14	Commercial messages to and from ships <sup>6</sup> .....	9,180	6,233	38,571	32,743	4,061	4,305	27,288	70	41,778	—
15	Commercial messages to and from stations .....	34,638	3,006	9,145	609	—	4	23,679	5,264	679	292
16	Government messages to and from ships .....	28,786	15,921	39,313	36,606	3,578	2,841	16,747	336	14,228	—
17	Government messages to and from stations .....	19,823	4,356	30,499	22,719	1,974	2,002	21,164	15,307	21,837	17,133
18	<b>Total</b> .....	92,427	29,516	117,528	92,677	9,613	9,152	88,878	20,977	28,522	17,425
		New construction — Construction, nouvelle		Alteration and maintenance repair work — Modifications, entretien et réparations		Total					
		\$		\$		\$					
	<b>Value of work carried out, 1953:</b>							<b>Valeur de travaux exécutés, 1953:</b>			
	By company employees .....	10,327,998		4,780,519		15,108,517		Par les employés de la compagnie			
	By contractors .....	547,150		52,754		599,904		Par les entrepreneurs			
	<b>Total</b> .....	10,875,148		4,833,273		15,708,421		<b>Total</b>			

1. Includes 1,311 miles in Canada leased from telephone or power companies and 86 miles outside of Canada leased from telegraph and other companies. Excludes pole line mileage leased from another telegraph company in Canada.

2. Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic Ocean and coast stations.

3. Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.

4. Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.

5. Ship to Shore simplex radio-telephone traffic included in totals:

	1953	1952
Paid messages to ships .....	5,664	5,731
Paid messages from ships .....	36,838	37,125
Government messages to ships .....	3,362	2,762
Government messages from ships .....	169	151
Service messages to ships .....	5	3
Service messages from ships .....	7	3

6. Includes 15,252 duplex radio-telephone ship to shore calls.

7. Includes messages handled by the 23 radio stations which the Canadian Marconi Company operates on behalf of the Department.















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